

11

HÄFELE

LOCKS





Modular Removable Core Locking Systems

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Modular Removable Core Locking Systems

The Concept

- > Lock bodies are selected to meet the requirements of the cabinet, door, drawer or drawers
- > The cores and keys are selected to meet the requirements for security, key control, locking plan and costs

Components

- > Keys: user, master and removal
- > Cores
- > Lock bodies
- > Accessories

Häfele offers two modular systems

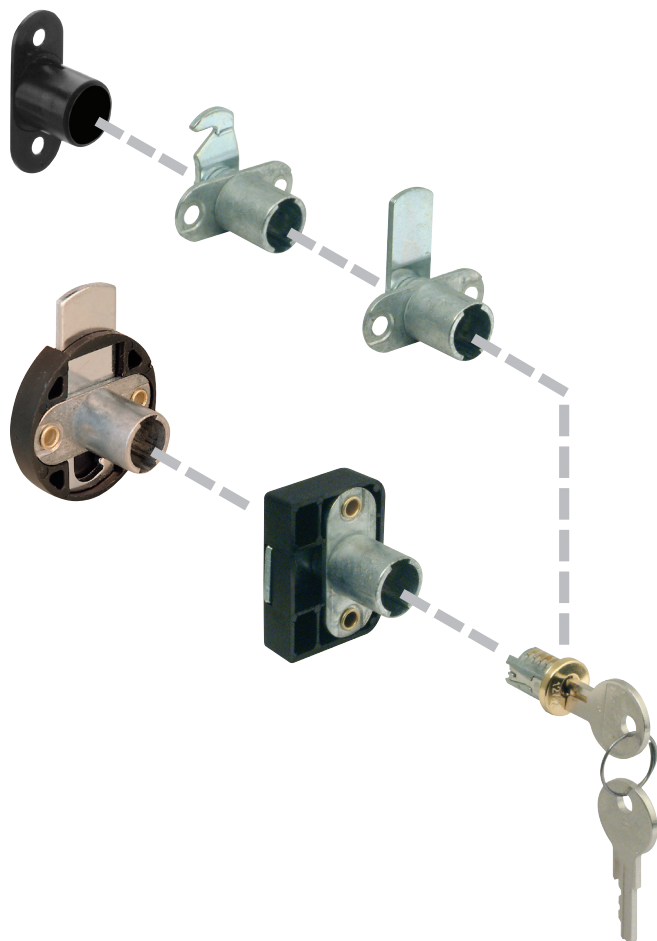
- > Components are not interchangeable

Benefits

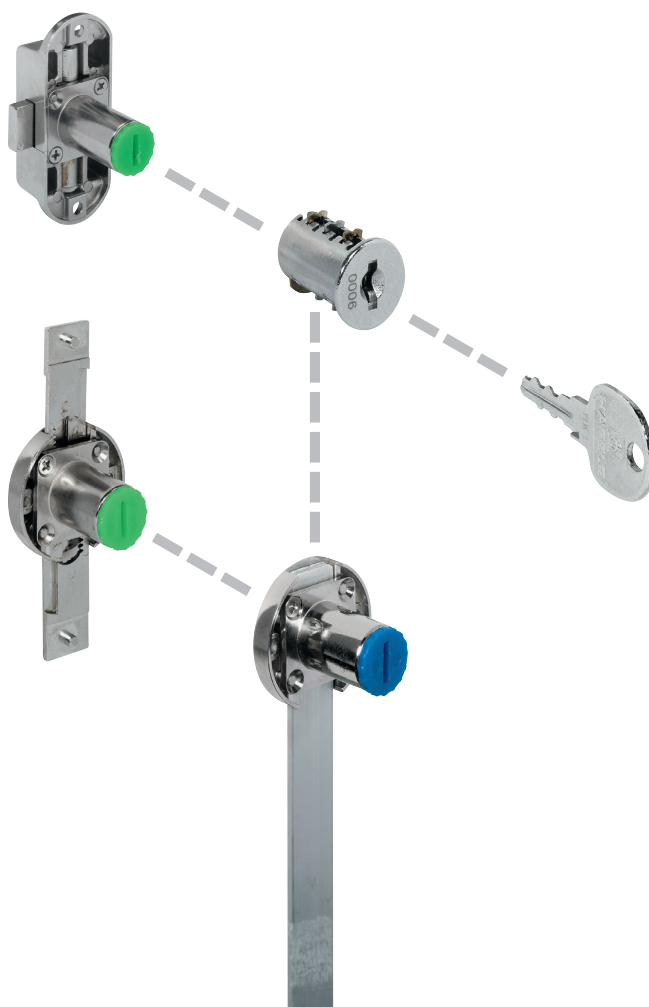
- > If keys are lost, the lock cores can be replaced without removing the lock bodies
- > Manufacturing processes and planning can progress without selection of keying requirements
- > Manufacturers can create locking standards and offer varied levels of security based on keyway, key and core selection
- > 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

→ Timberline

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

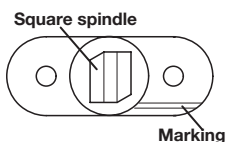
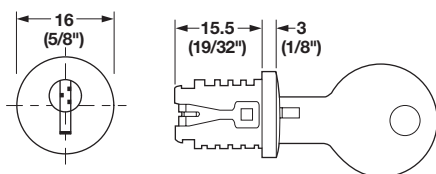


→ SYMO 3000



Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Timberline Modular Removable Core Locking System



Note

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

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

→ Snap-In Lock Cores



- > For any cylinder body
- > 5 plate levers = 900 possible key changes
- > Material: Zinc die-cast, unfinished; Plate levers: Brass; Keys: Brass; Finish: nickel-plated

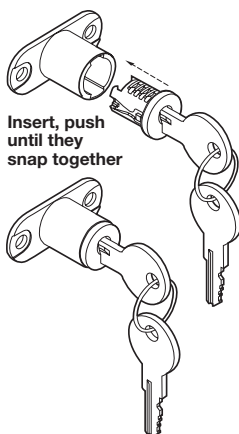
Keyed Different

Lock face	nickel polished	nickel matte	brass polished	bronzed epoxy	black epoxy	white epoxy	antique brass
Item No.	210.04.606	210.04.710	210.04.803	210.04.106	210.04.302	210.04.500	210.14.102
Timberline No.	LP-100	LP-700	LP-500	LP-400	LP-300	LP-820	LP-220

Keyed Alike

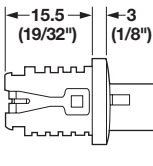
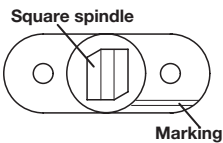
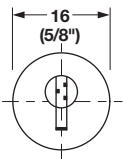
Lock face	nickel polished	nickel matte	brass polished	bronzed epoxy	black epoxy	white epoxy	antique brass
Keying #'s	Item No.						
100 TA	210.04.615	210.04.720	210.04.812	210.04.115	210.04.311	210.04.510	210.14.111
101 TA	210.04.624	210.04.721	210.04.821	210.04.124	210.04.320	210.04.511	210.14.120
102 TA	210.04.633	210.04.722	210.04.830	210.04.133	210.04.339	210.04.512	210.14.139
103 TA	210.04.642	210.04.723	210.04.849	210.04.142	210.04.348	210.04.513	210.14.148
104 TA	210.04.651	210.04.724	210.04.858	210.04.151	210.04.357	210.04.514	210.14.157
105 TA	210.04.660	210.04.725	210.04.867	210.04.160	210.04.366	210.04.515	210.14.166
106 TA	210.04.679	210.04.726	210.04.876	210.04.179	210.04.375	210.04.516	210.14.175
107 TA	210.04.688	210.04.727	210.04.885	210.04.188	210.04.384	210.04.517	210.14.184
108 TA	210.04.697	210.04.728	210.04.894	210.04.197	210.04.393	210.04.518	210.14.193
109 TA	210.04.704	210.04.729	210.04.901	210.04.204	210.04.400	210.04.519	210.14.200

Supplied With
2 Keys



Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

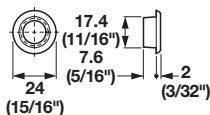
Timberline Modular Removable Core Locking System



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

- > Separates the lock core from the cylinder housing
- > Any combination of locking systems can be achieved
- > 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

→ Cylinder Rosettes



- > For any cylinder body
- > Ø: 24 mm (15/16 inch)
- > Material: Steel

Finish	Timberline No.	Item No.
nickel polished	BZ-100	210.04.062
nickel matte	BZ-700	210.04.070
brass polished	BZ-500	210.04.054
bronzed	BZ-400	210.04.017
black	BZ-300	210.04.035
white	BZ-800	210.04.071
antique brass	BZ-200	210.04.053

Note
A Ø19 mm (3/4 inch) hole is required for installation with lock cylinder.

→ Keys



- > Master
- > Fits all TA lock cores, see page 11.5
- > Material: Brass



- > Removal
- > To remove lock cores
- > Material: Brass

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

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



- > Replacement
- > Special order only
- > Specify key number at time of order
- > Material: Brass

	Item No.
	210.02.009

→ Protective Cap

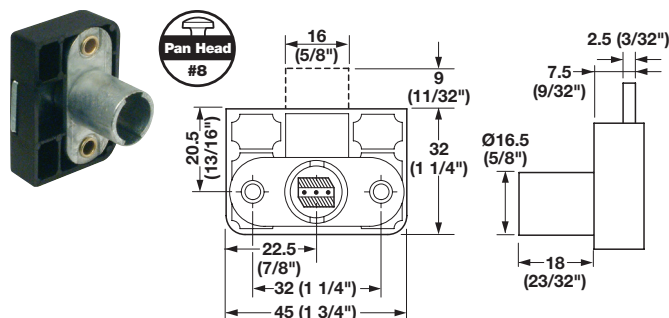


- > Keeps the interior of the cylinder housing free of paint and dirt after lock is installed
- > Material: PVC

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

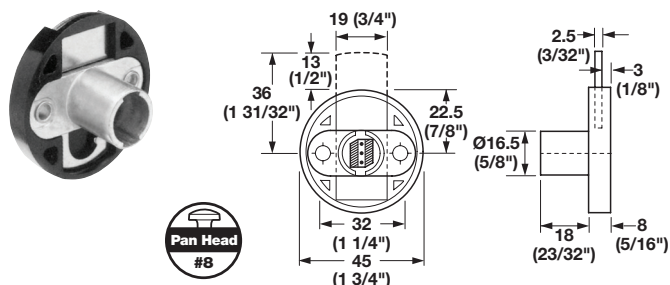
Timberline Modular Removable Core Locking System

→ Deadbolt Locks



- > Throw: 9 mm (11/32")
- > Material: Lock case: Nylon; Color: black
Cylinder housing: Zinc die-cast, unfinished
Bolt: Steel; Finish: nickel-plated

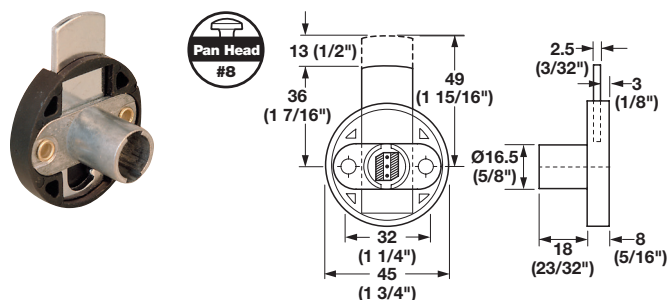
Mounting	Timberline No.	Item No.
left/right hand	CB-290	232.12.302
drawer	CB-280	232.12.311



- > 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

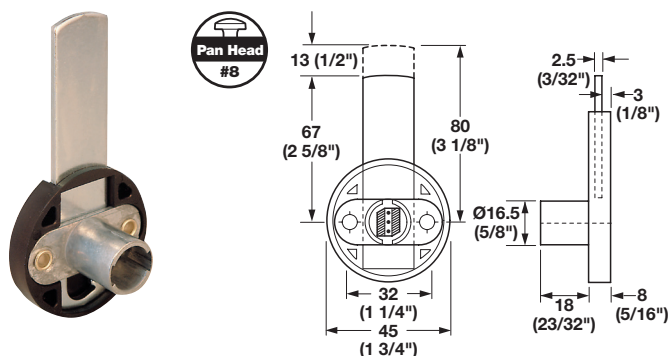
Mounting	Timberline No.	Item No.
left/right hand	CB-240	232.18.304
drawer	CB-230	232.18.313

→ Deadbolt Locks with extended bolts



- > Bolt extension: 36–49 mm (1 7/16"–1 15/16")
- > 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/right hand	CB-241	232.18.306
drawer	CB-231	232.18.316



- > Bolt extension: 67–80 mm (2 5/8"–3 1/8")
- > Rotate cylinder core 180° to install
- > Material: Lock case: Nylon; Color: black
Cylinder housing: Zinc die-cast, unfinished
Bolt: Steel; Finish: nickel-plated

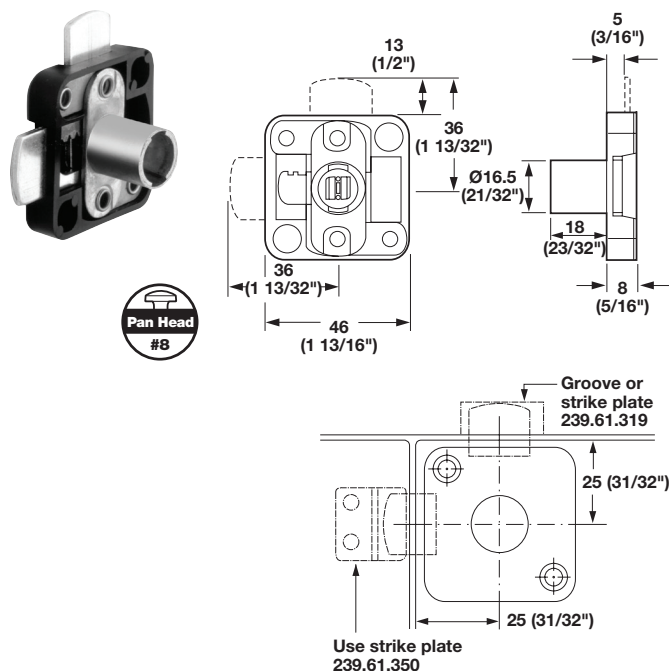
Mounting	Timberline No.	Item No.
left/right hand	CB-242	232.18.322
drawer	CB-232	232.18.332

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Lock cores	page 11.5
Cylinder rosettes	page 11.6
Pan head screws	pages 13.9–13.10

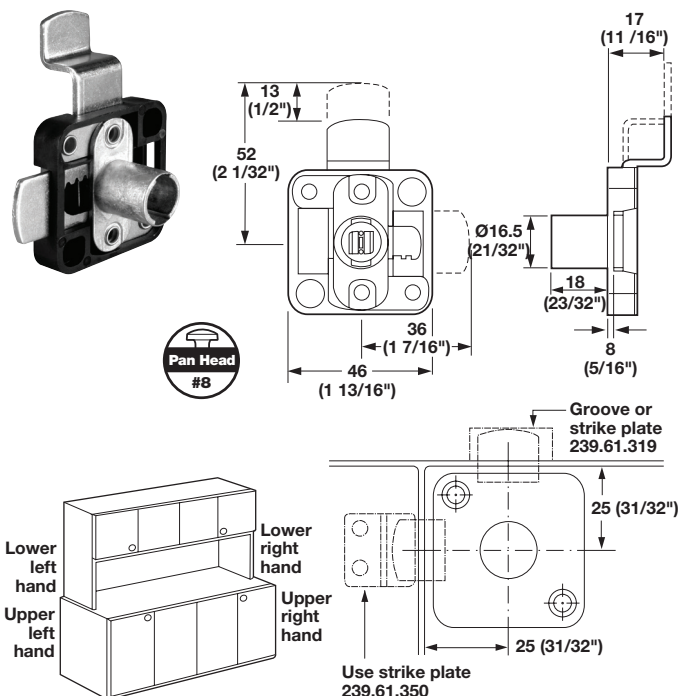
Timberline Modular Removable Core Locking System

→ Deadbolt Locks for 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

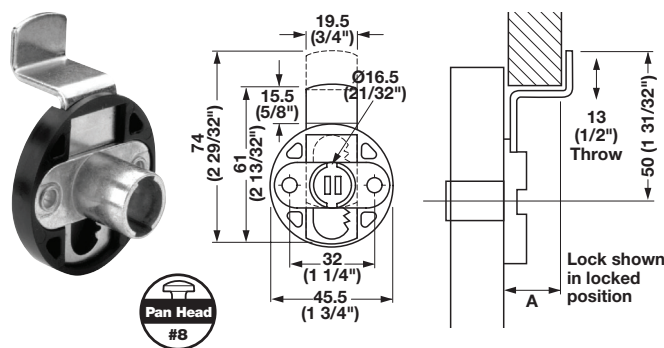
Mounting	Timberline No.	Item No.
lower left/upper right hand	CB-250	232.35.300
lower right/upper left hand	CB-255	232.35.301



- > 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/upper right hand	CB-251	232.35.302
lower right/upper left hand	CB-256	232.35.303

→ Deadbolt Locks with offset bolt

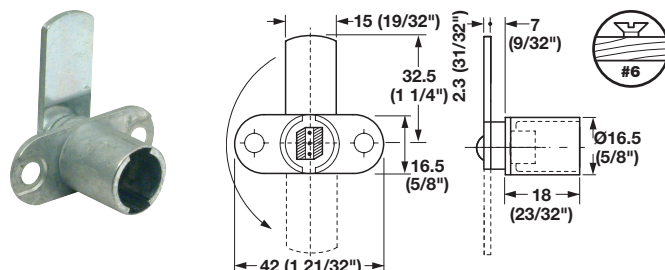


- > For face frame cabinets
- > Throw: 13 mm (1/2")
- > Rotate cylinder core 180° to install
- > Material: Lock case: Nylon; Color: black
Cylinder housing: Zinc die-cast, unfinished
Bolt: Steel; Finish: nickel-plated

Mounting	A	Timberline No.	Item No.
left/right hand	15 (19/32")	CB-244	232.18.348
drawer	15 (19/32")	CB-234	232.18.358
left/right hand	22 (7/8")	CB-245	232.18.350
drawer	22 (7/8")	CB-235	232.18.360

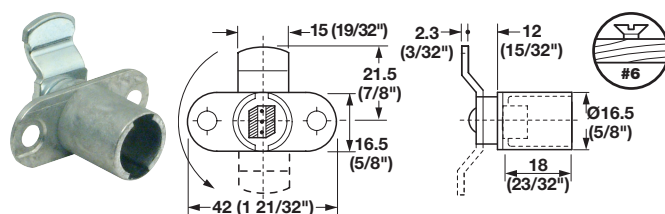
Timberline Modular Removable Core Locking System

→ Cam Lock Bodies



- > With straight, extended cam
- > Rotation: 180°
- > Material: Cylinder housing: Zinc die-cast, unfinished
Lever: Steel; Finish: nickel-plated

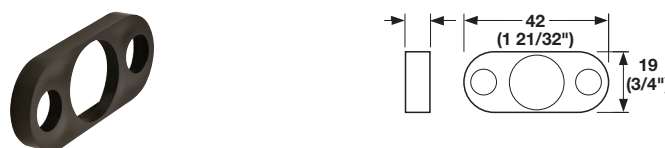
Version	Timberline No.	Item No.
horizontal installation drawer	CB-184	235.08.303
vertical installation door	CB-194	235.08.358



- > With outward offset cam
- > 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

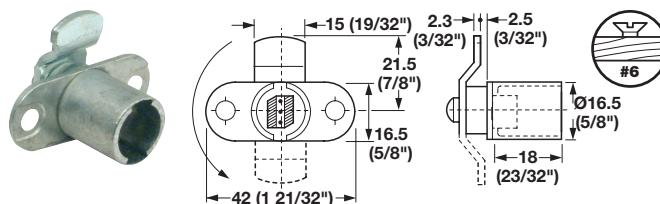
→ Cam Lock Spacer



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

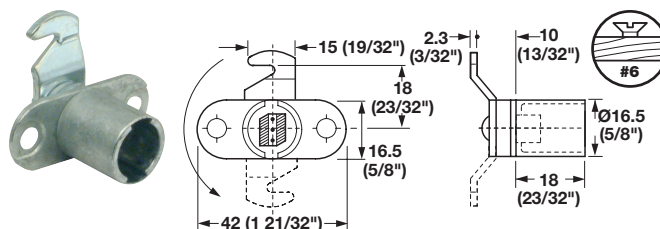
Note

Use only with cam locks 235.08. series central lock above and 234.85.001, see page 11.16.



- > With inward offset cam
- > Rotation: 180°
- > Material: Cylinder housing: Zinc die-cast, unfinished
Lever: Steel; Finish: nickel-plated

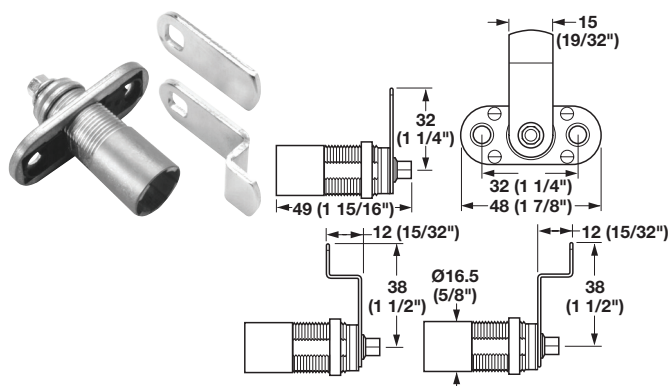
Version	Timberline No.	Item No.
horizontal installation drawer	CB-180	235.08.107
vertical installation door	CB-190	235.08.152



- > With outward offset cam
- > 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

→ Universal Cam Lock Body



- > Adjustable by turning the mounting flange: 22–35 mm (7/8"–1 3/8")
- > Barrel conveniently marked with lines to facilitate setting depth
- > Rotation: 90°
- > Material: Zinc, unfinished; Cams: Steel; Finish: nickel-plated

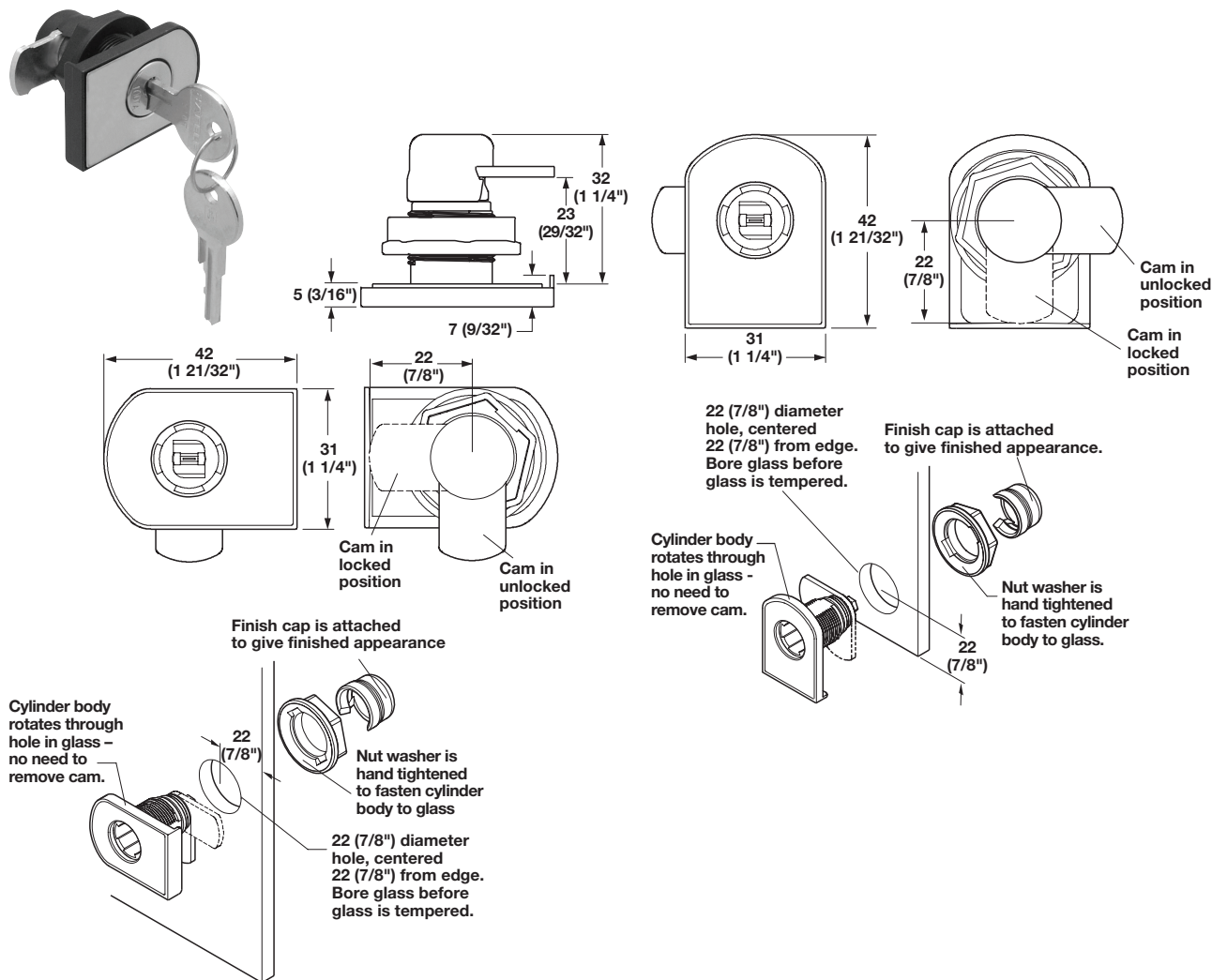
Version	Timberline No.	Item No.
horizontal installation drawer	CB-170	235.09.000

Lock cores	page 11.5
Flat head wood screws	page 13.13

Timberline Modular Removable Core Locking System

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

→ Glass Door Locks



11

Locks

- > Horizontal installation
- > Glass thickness: max. 10 mm (13/32'')
- > Cam rotation: 90°
- > Material: Outer body: Nylon; Color: black; face plate: Brass-plated
Cap: Plastic; Color: black
Lever: Steel; Finish: nickel-plated

- > Vertical installation
- > Glass thickness: max. 10 mm (13/32'')
- > Cam rotation: 90°
- > Material: Outer body: Nylon; Color: black; Face plate: Brass-plated
Cap: Plastic; Color: black
Lever: Steel; Finish: nickel-plated

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

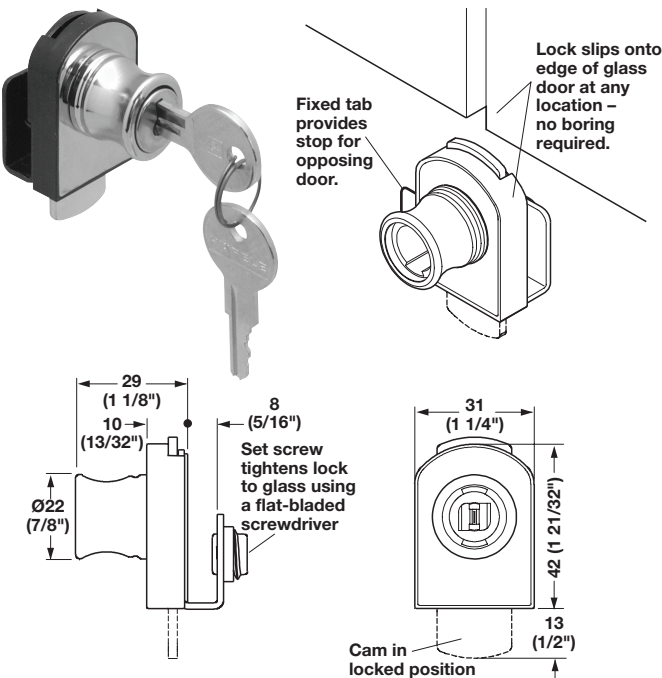
Finish	Timberline No.	Item No.
nickel matte	CB-317	233.17.600
nickel polished	CB-311	233.17.700

Lock cores	page 11.5
Angle strikes & strike plates	page 11.20

Timberline Modular Removable Core Locking System

- > 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 Locks

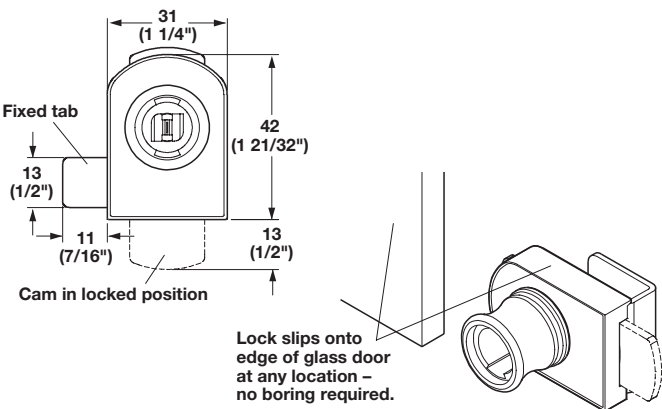


- > Vertical installation
- > Glass thickness: max. 8 mm (5/16")
- > Material: Outer body: Nylon; Color: black; Lever: Steel/Nickel-plated

Finish	Timberline No.	Item No.
nickel matte	CB-367	233.18.630
nickel polished	CB-361	233.18.730

- > Horizontal installation
- > For glass thickness: max. 8 mm (5/16")
- > Material: Outer body: Nylon; Color: black; Lever: Steel/Nickel-plated

Finish	Timberline No.	Item No.
nickel matte	CB-357	233.18.600
nickel polished	CB-351	233.18.700



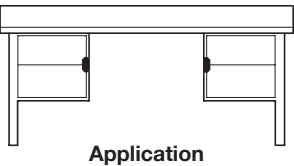
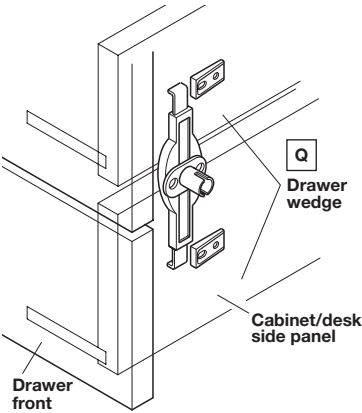
- > Double door
- > Glass thickness: max. 8 mm (5/16")
- > Material: Outer body: Nylon; Color: black; Lever: Steel/Nickel-plated

Finish	Timberline No.	Item No.
nickel matte	CB-377	233.18.660
nickel polished	CB-371	233.18.760

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

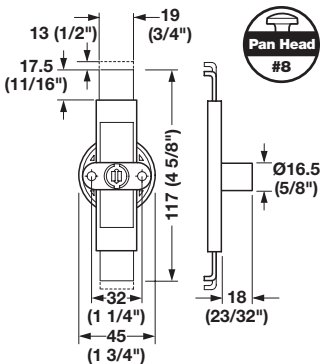
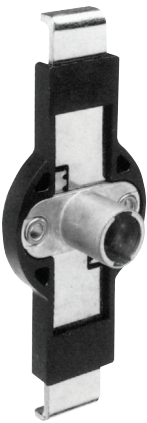
Lock cores	page 11.5
Angle strikes & strike plates	page 11.20

Timberline Modular Removable Core Locking System



- > The most economical arrangement for locking 2 drawers simultaneously
- > Only a single hole needs to be drilled in the drawer or side panel, then the lock installs vertically
- > A drawer locking wedge is attached to each side panel
- > Install the cylinder core and the lock is ready for use

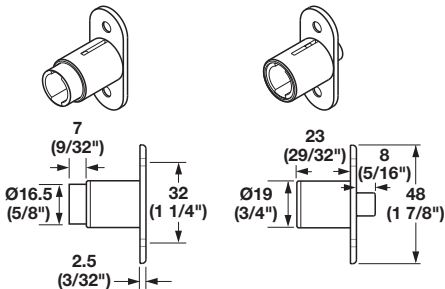
→ Central Locking System



- > For two drawers with a lockbar
- > Throw: 13 mm (1/2")
- > Drawer slide clearance: 13 mm (1/2")
- > Material: Lock case: Nylon; Color: black
Cylinder housing: Zinc die-cast, unfinished
Bars: Steel; Finish: nickel-plated

Timberline No.	Item No.
CB-270	234.92.300

→ Push button Lock



- > Locks sliding doors
- > Compatible with all cores
- > Small 19 mm (3/4") diameter for improved appearance
- > Throw: 8 mm (5/16")
- > Material: Lock case: Nylon; Cylinder housing: Zinc die-cast

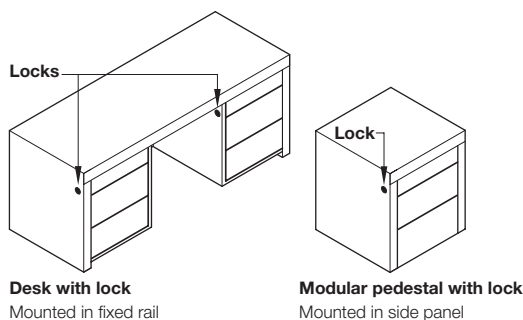
Color	Timberline No.	Item No.
black	CB-175	234.65.000



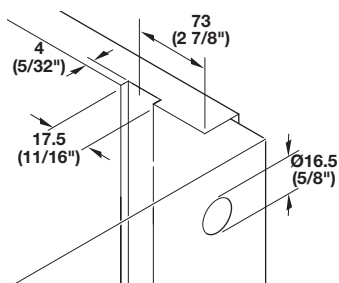
Drawer wedges	page 11.18
Strike plates	page 11.20
Pan head screws	pages 13.9–13.10

Timberline Modular Removable Core Locking System

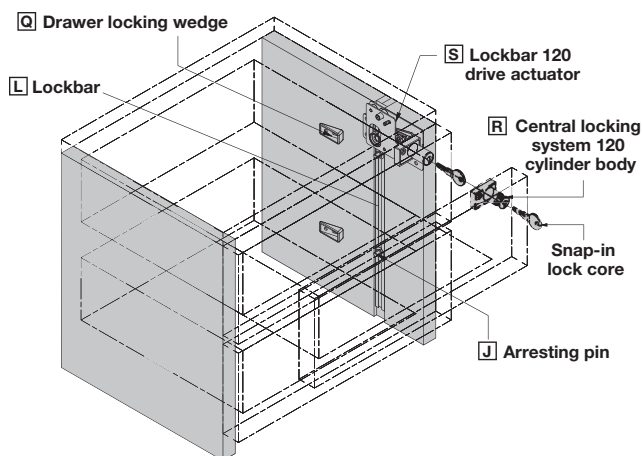
Typical applications



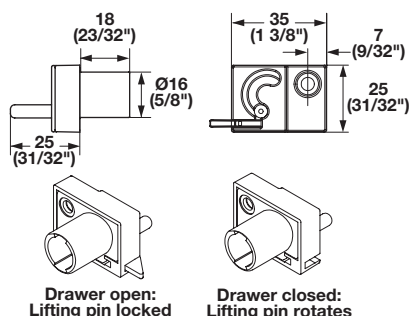
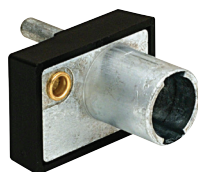
Drilling & routing diagram



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



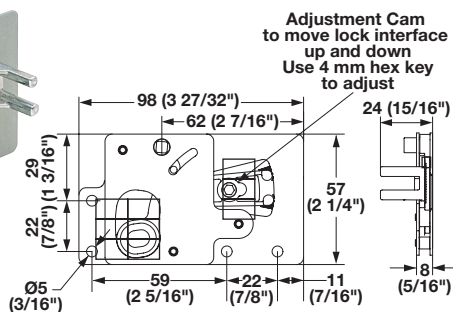
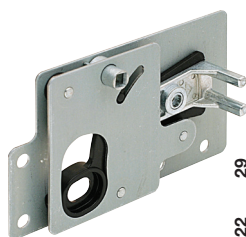
→ R Central Locking System Body



- > With small lifting pin
- > Rotation: 180°
- > Lift: 12 mm (15/32")
- > Small pin design will not interfere with drawer contents
- > Assure-Sync 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, unfinished

Timberline No.	Item No.
CB-120	237.67.300

→ S Drive Actuator



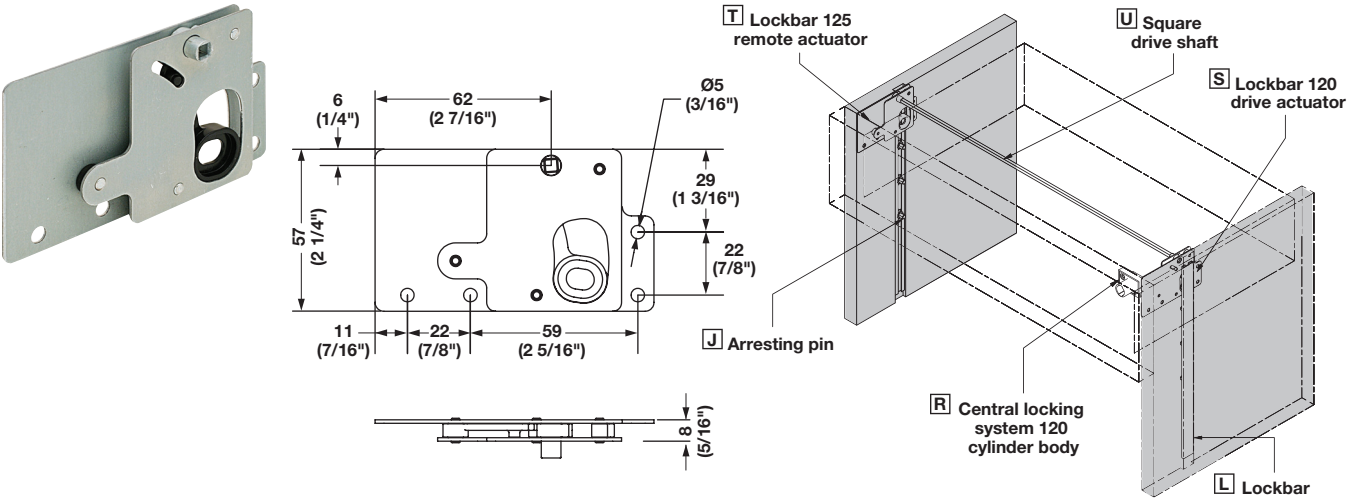
- > Transmits horizontal rotation of drive shaft to vertical movement of lockbar
- > Easy to position on side panel
- > Lockbar is held in position when drawer is opened
- > Unique adjustment cam design allows for easy movement of lock interface for accurate pin alignment; adjust with a 4 mm (5/32") hex key
- > Material: Steel; Cam: Zinc die-cast, unfinished
Linkage arm: Plastic; Color: black

Timberline No.	Item No.
AC-120	237.67.310

Lock cores	page 11.5
L Lockbar	page 11.18
J Arresting pins	page 11.18
Q Drawer wedges	page 11.18
Miscellaneous strikes	page 11.20

Timberline Modular Removable Core Locking System

→ **T** Remote Actuator



- > Must be used with drive actuator, see page 11.13
- > Transmits horizontal rotation of drive shaft to vertical movement of lockbar on the opposite side of cabinet
- > Material: Steel; Linkage arm: Plastic; Color: black

Finish	Timberline No.	Item No.
zinc	AC-125	237.67.320

→ **U** Drive Shaft



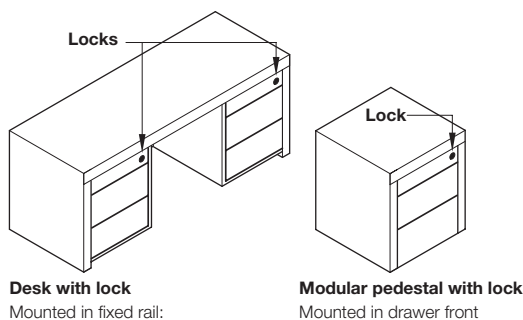
- > Cut to desired length: max. 914 mm (36")
- > Material: Steel

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

Lock cores	page 11.5
L Lockbar	page 11.18
J Arresting pins	page 11.18
R Cylinder body	page 11.13
S Driver actuator	page 11.13

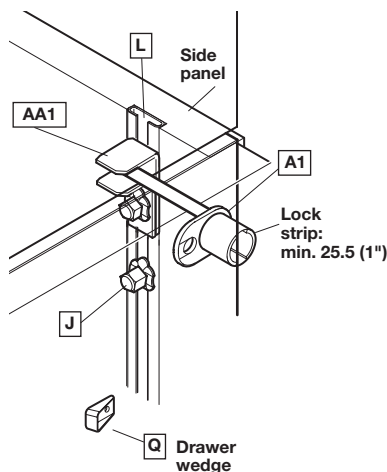
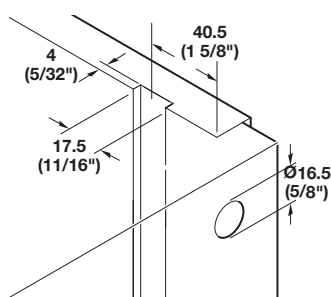
Timberline Modular Removable Core Locking System

Typical applications

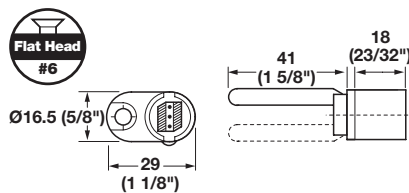


- > Minimizes interference with hanging files
- > Permits locking from the front either in a fixed position in a lock strip or drawer front
- > Installs left or right

Drilling & routing diagram



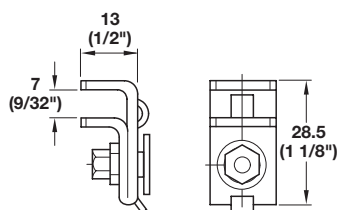
→ [A1] Half Lock Body



- > With lifting pin
- > Rotation: 180°
- > Lift: 12 mm (15/32")
- > 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

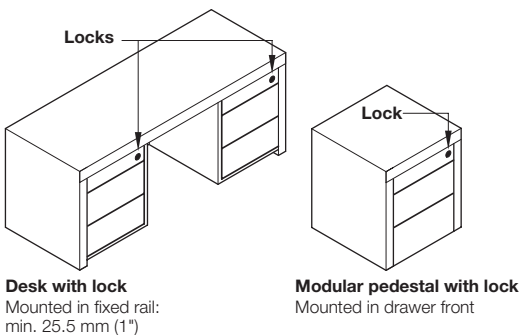
Finish	Timberline No.	Item No.
zinc-plated	LC-106	234.87.961

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Lock cores	page 11.5
[L] Lockbar	page 11.18
[J] Arresting pins	page 11.18
[Q] Drawer wedges	page 11.18
Insertion tool	page 11.19
Miscellaneous strikes	page 11.20
Flat head screws	pages 13.7–13.8, 13.10, 13.13

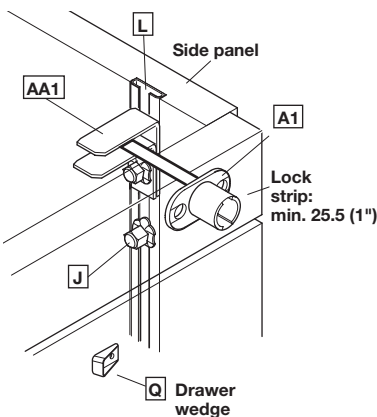
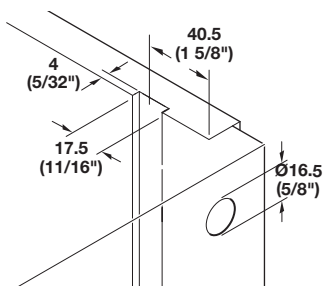
Timberline Modular Removable Core Locking System

Typical applications

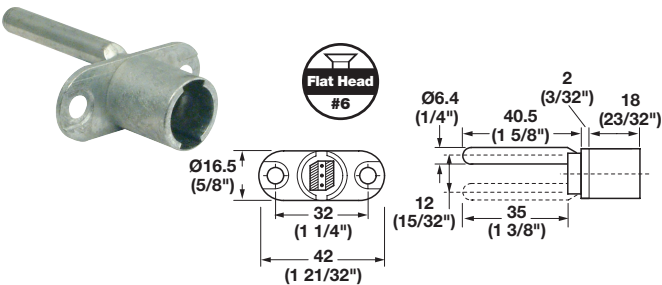


- > Permits locking from the front either in a fixed position in a lock strip or in a drawer front, in which case it travels with the drawer
- > Installs left/right

Drilling & routing diagram



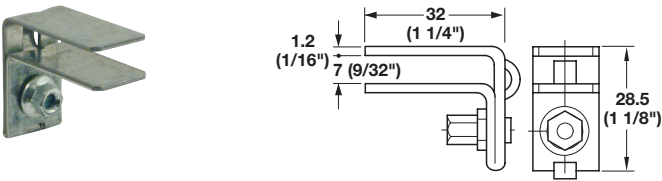
→ [A1] Lock Body



- > With lifting pin
- > Rotation: 180°
- > Lift: 12 mm (15/32")
- > Material: Zinc die-cast, unfinished

Timberline No.	Item No.
CB-100	234.85.001

→ [AA1] Lockbar Clip



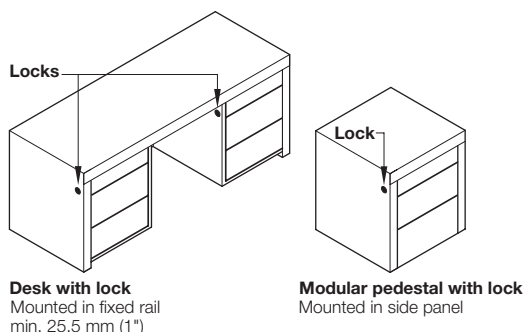
- > To fit lock body [A1]
- > Mounts at any location along lockbar [L]
- > Material: Steel

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

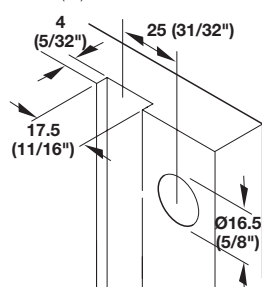
Lock cores	page 11.5
[L] Lockbar	page 11.18
[J] Arresting pins	page 11.18
[Q] Drawer wedges	page 11.18
Insertion tool	page 11.19
Miscellaneous strikes	page 11.20
Flat head screws	pages 13.7–13.8, 13.10, 13.13

Timberline Modular Removable Core Locking System

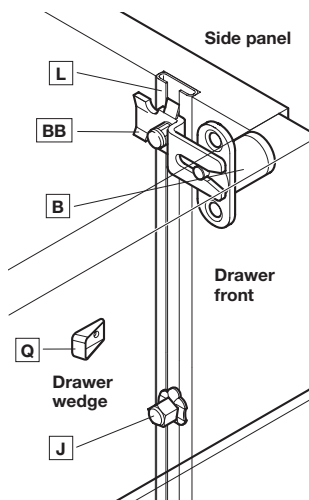
Typical applications



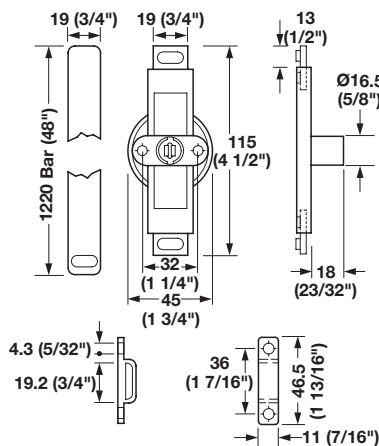
Drilling & routing diagram



- > An economical option which allows installation of the lock body in the side panel at any position
- > Installs left/right



→ Wardrobe/Overhead Storage Locks



- > Throw: 13 mm (1/2")
- > Material: Lock case: Plastic; Color: black
Cylinder housing: Zinc die-cast, unfinished
Bars: Steel, powder-coated; Color: black
Bar retainers: Nylon; Color: black

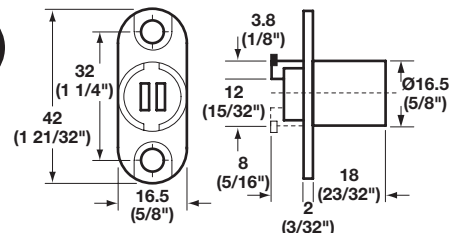
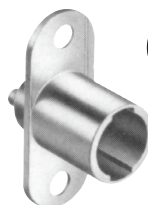
Installation	Timberline No.	Item No.
horizontal	CB-265	223.63.300
vertical	CB-260	223.63.355

Supplied With

Lock body, 2 Bars, 6 Bar retainers

L	Lockbar	page 11.5
J	Arresting pins	page 11.18
Q	Drawer wedges	page 11.18
	Insertion tool	page 11.19
	Miscellaneous strikes	page 11.20
	Flat head screws	pages 13.7–13.8, 13.10, 13.13

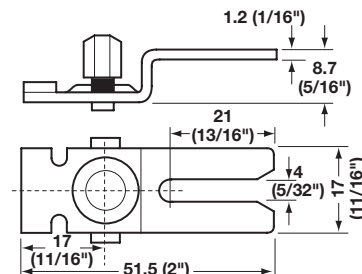
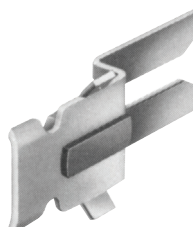
→ [B] Side Mount Lock Body



- > With locking lug
- > Rotation: 180°
- > Lift: 12 mm (15/32")
- > Material: Zinc die-cast, unfinished

Timberline No.	Item No.
CB-150	234.86.017

→ [BB] Lockbar Clip

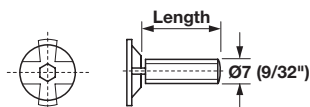


- > To fit lockbar clip to lockbar [L]
- > Material: Steel

Finish	Timberline No.	Item No.
zinc	LC-150	234.86.900

Timberline Modular Removable Core Locking System

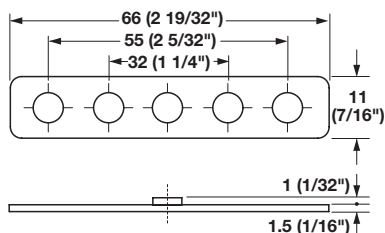
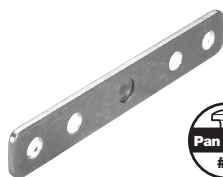
→ **J** Arresting Pins



- > Hexagonal section, for installation in lockbar **L**, using hex insertion tool, at any desired position
- > Material: Steel; Finish: nickel-plated

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 (31/32")	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

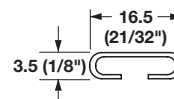
Finish	Timberline No.	Item No.
zinc-plated	LR-100	234.87.989

→ **L** Lockbars

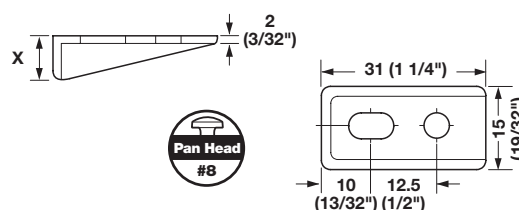


- > For use with any central locking assembly from the cylinder module system
- > Lockbar groove W x D: 18 x 4 mm (23/32" x 5/32")
- > Material: Steel; Finish: zinc-plated

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



→ **Q** Drawer Locking Wedges



- > Different wedge heights allow for a standard 9.5 mm (3/8") arresting pin to be used with thicker drawer slides
- > Material: Plastic; Color: black

X	Slide thickness	Timberline No.	Item No.
11 (7/16")	12 (15/32")	DC-500	234.91.090
17 (11/16")	19 (3/4")	DC-502	234.91.092
20 (25/32")	22 (7/8")	DC-510	234.91.094

Timberline Modular Removable Core Locking System

- > Secures cabinet drawers mounted on undermount slides
- > For use with any central locking assembly from the cylinder module system
- > Fits within side clearances: 8–10 mm (5/16"–13/32")
- > Does not require spacers or extra matching

→ Lockbar Clip



- > Material: Steel, galvanized

Item No.
234.91.089

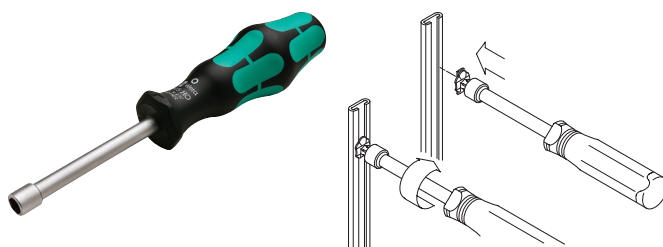
→ Drawer Locking Wedge



- > L x W x H: 38 x 15 x 7 mm (1 1/2" x 19/32" x 9/32")
- > Material: Plastic

Color	Item No.
black	234.91.080

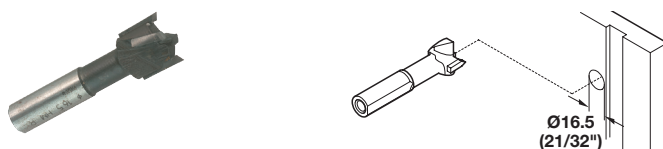
→ Hex Insertion Tool



- > 6 mm (1/4")
- > To install arresting pins **J** in lockbar **L**
- > Material: Hardened Steel; Finish: nickel-plated
Handle: Plastic; Color: green/black

Item No.
008.26.120

→ Drill Bit

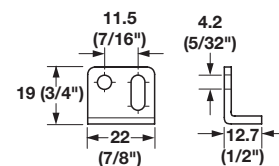
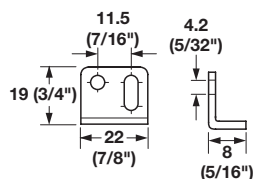


- > Ø: 16.5 mm (21/32")
- > Suitable for any cylinder housing in the system
- > Also for use in multi-spindle drilling machines with 10 mm (13/32") chuck
- > Material: Shank: Steel; Bit: Carbide-tipped

Item No.
001.24.194

Timberline Modular Removable Core Locking System

→ Angle Strikes



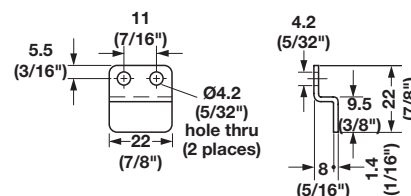
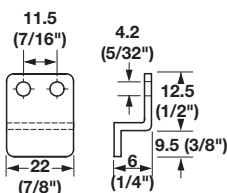
- > 90° angle
- > Screw mounted
- > Material: Steel

- > Behind door mounting
- > Material: Steel

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

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

→ Strike Plates

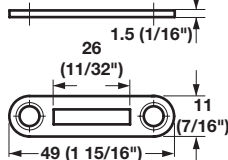
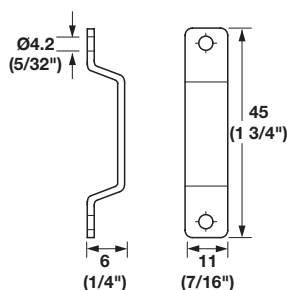


- > Screw mounted
- > Material: Steel

- > Behind door mounting
- > Material: Steel

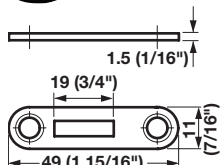
Finish	Timberline No.	Item No.
black	SP-255-3	239.61.328
nickel-plated	SP-255-1	239.61.720

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



- > For dead bolt lock cylinders
- > Material: Steel

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



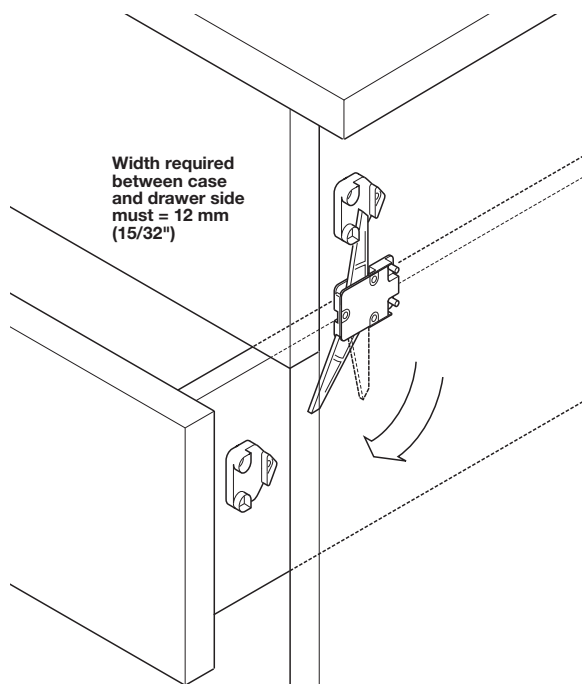
- > For hook lever lock cylinder
- > With offset slot
- > Material: Steel

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

- > Belt loop type
- > Screw mounted
- > Material: Steel

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

Anti-Tip System 400



→ **Components required: For 2 drawer applications**

- > 1 anti-tip snapper
- > 2 drawer clips

→ **Components required: For 3 drawer applications**

- > Simply "lock" one of the arms on anti-tip snapper to the cabinet side panel using a screw through hole in the arm
- > 2 anti-tip snappers
- > 4 drawer clips
- > 2 linkage arms
- > Lockbar and 2 arresting pins

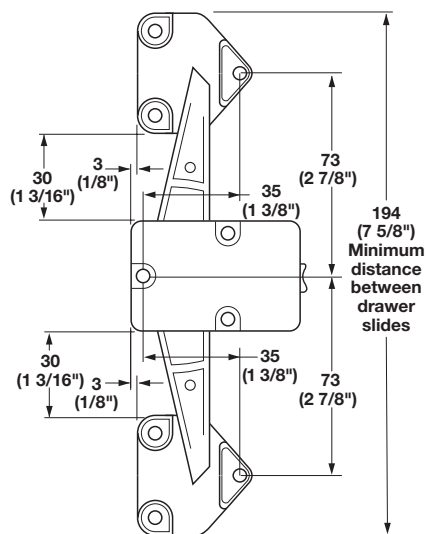
→ **Components required: For 4 drawer applications**

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

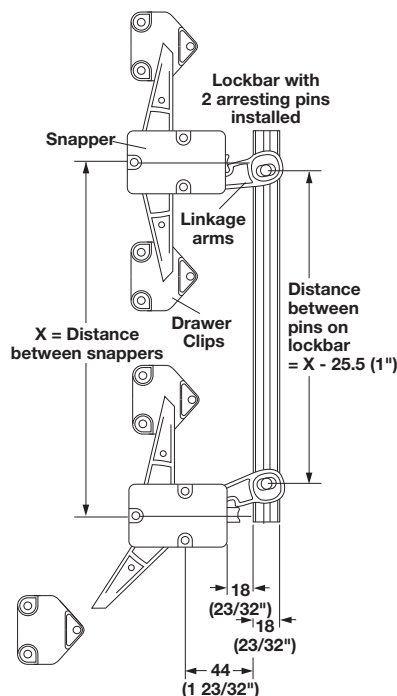
Recommended Position

- > Left hand side of case
- > Distance from case front: 75–126 mm (2 15/16"–5")

2-Drawer Application



3 or 4-Drawer Application

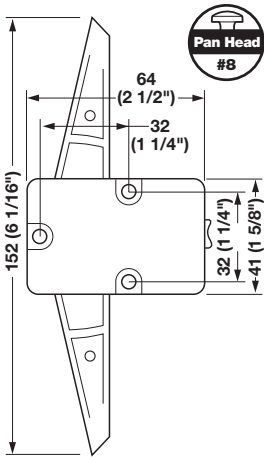


Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Anti-Tip System 400

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

→ Anti-Tip Snapper

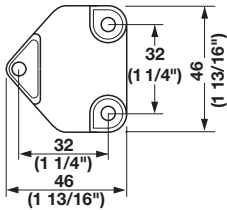


- > Mounts to cabinet side
- > Material: Zinc die-cast, unfinished

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

Note
1 required for 2 drawers.

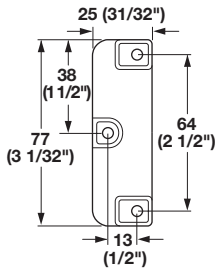
→ Drawer Clips



- > Standard
- > Mounts to drawer side
- > Material: Plastic

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

Note
2 required per snapper.

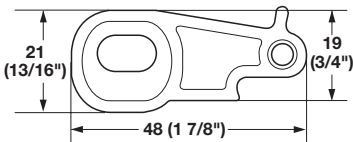


- > Narrow
- > Mounts to drawer side
- > For use when there is less space between drawer slides
- > Material: Plastic

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

Note
2 required per snapper.

→ Linkage Arm



- > Material: Plastic

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

Note
2 pcs. required for 4 drawers.

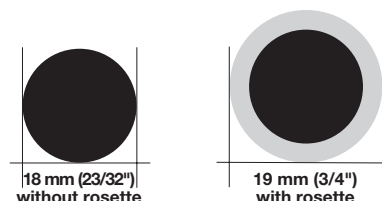
SYMO 3000 Modular Removable Core Locking System

Removable core cylinders mounted without tools

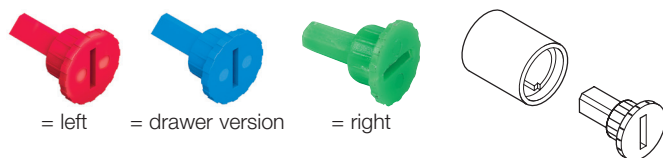
- > Tools are not required for inserting and removing the cylinder cores, which can also be done at any time after the locks have been installed
- > The cylinder core can only be inserted or taken out when the lock is in an unlocked position
- > Do not treat the cylinder cores with graphite

Identical drilling dimensions for all lock versions

- > The uniform cylinder housing diameter of 18 mm (23/32"), 19 mm (3/4") including rosette, allows a uniform drilling size for all locks within the locking system



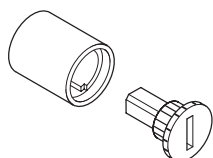
One protective cap, several functions



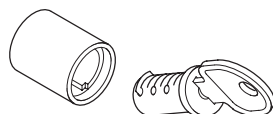
- > The protective caps of the SYMO 3000 locks shield the interior of the cylinder housing from dirt or damage during construction phase
- > They are designed to also function as building site keys and allow lock operation with a coin or screwdriver
- > After construction is completed, the protective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

Mounting plate cylinder removable cores

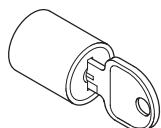
Inserting the cylinder core



Remove the protective cap from the cylinder housing.

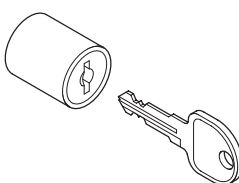


Push the cylinder core with the inserted key into the cylinder housing.

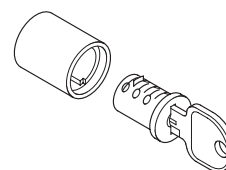


Engage the cylinder core with slight pressure.

Removing the cylinder core



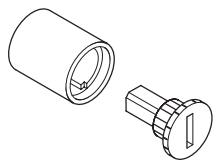
Insert the removal key into the cylinder core.



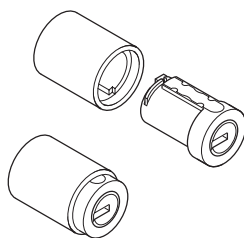
Take the cylinder core out of the cylinder housing using the removal key.

Mounting pin-tumbler cylinder removable cores

Inserting the cylinder core

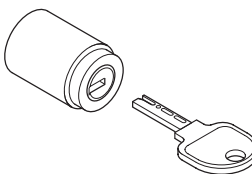


Remove the protective cap from the cylinder housing.

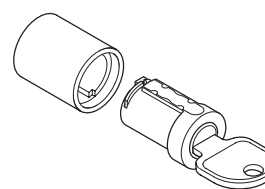


Insert the cylinder core into the cylinder housing and engage it with slight pressure.

Removing the cylinder core



Insert the removal key into the cylinder core.

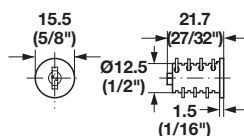


Take the cylinder core out of the cylinder housing using the removal key and applying slight counterpressure.

SYMO 3000 Modular Removable Core Locking System

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

→ Plate Cylinder Removable Cores



- > Keyed alike
- > Locking system with 6 plate levers
- > Key changes: 2,600 different key changes are possible
- > Key type: cut
- > Material: Housing: Zinc Alloy; Lever plate: Brass

- > Keyed different
- > Locking system with 6 plate levers
- > Key changes: 2,600 different key changes are possible
- > Key type: cut
- > Material: Housing: Zinc Alloy; Lever plate: Brass

Finish

nickel-plated

Item No.

210.40.600

Supplied With

2 Keys

Note

Master key not available for keyed different.

Key change

SH 1

SH 2

SH 3

SH 4

SH 5

SH 6

SH 7

SH 8

SH 9

SH 10

Item No.

210.40.601

210.40.602

210.40.603

210.40.604

210.40.605

210.40.606

210.40.607

210.40.608

210.40.609

210.40.610

Supplied With

2 Keys



→ Keys



- > Master key for keyed alike
- > For plate cylinders/cut key
- > For key changes: SH 0001-0200
- > Material: Steel

Finish

nickel-plated

Item No.

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

nickel-plated

Item No.

210.11.080

- > Removal key
- > For plate cylinders/cut key
- > Material: Steel

Finish

nickel-plated

Item No.

210.11.090

- > Keyed alike
- > Finish: black

Key change

keyed different

001

Item No.

210.40.310

210.46.301

Supplied With

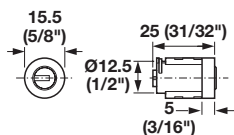
2 Keys

Note

For use with master key (210.11.001), order separately.

SYMO 3000 Modular Removable Core Locking System

→ STW Pin-Tumbler Cylinder Removable Cores



- > Locking system with 6 pin-tumblers
- > Key changes: 10,000 different key changes are possible
- > Key type: dimple
- > Material: Zinc Alloy

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

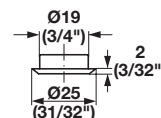
→ Removal Key



- > For pin-tumbler cylinders/dimple key
- > Material: Steel

Finish	Item No.
nickel-plated	210.45.090

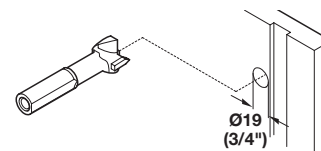
→ Cylinder Rosettes



- > Required hole: 19 mm (3/4")
- > Press fit
- > Material: Steel

Finish	Item No.
nickel-plated matte	219.19.676
black	219.19.350

→ Special Drill Bits

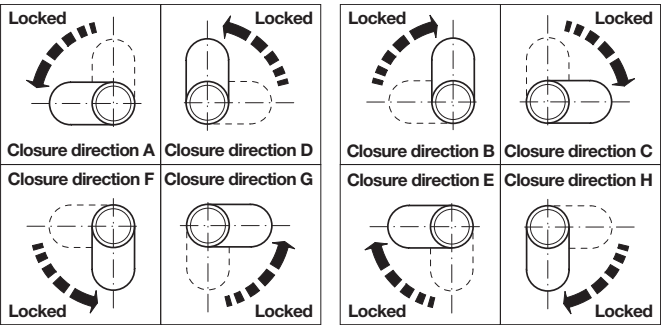
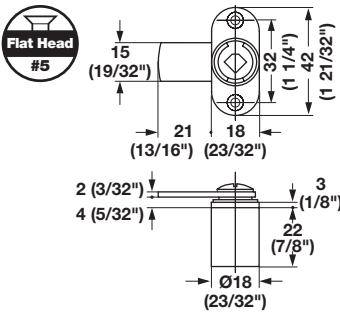
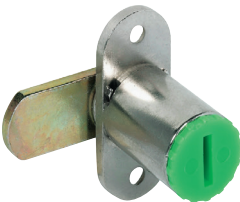


- > Ø18 mm (23/32") for use with any cylinder housing in the SYMO system
- > Ø19 mm (3/4") for use with rosette application
- > Material: Shank: Steel; Bit: Carbide-tipped

Diameter	Item No.
18 (23/32")	001.06.365
19 (3/4")	001.08.014

SYMO 3000 Modular Removable Core Locking System

→ Cam Locks



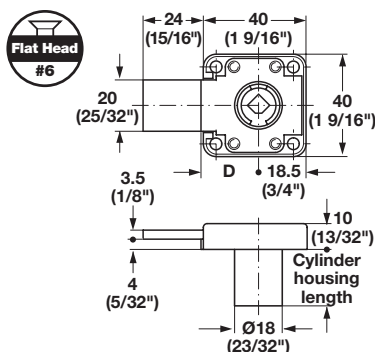
- > With screw mounted mounting plate
- > For cylinder cores that are inserted from the front on-site
- > Straight cam
- > Cylinder housing length: 22 mm (7/8")
- > Door thickness: max. 22 mm (7/8")
- > Material: Zinc Alloy

Finish	Closure direction	Item No.
nickel-plated	A (D, F, G)	235.59.600
nickel-plated	B (C, E, H)	235.59.610
black	A (D, F, G)	235.59.300
black	B (C, E, H)	235.59.320

Supplied With
Locking cam
Mounting screw
Pre-mounted washer

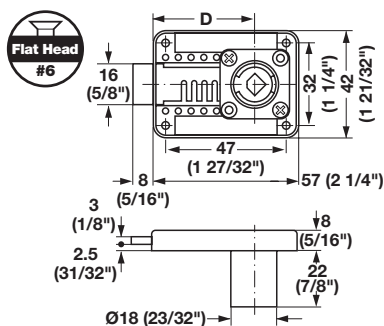
SYMO 3000 Modular Removable Core Locking System

→ Deadbolt Rim Locks



- > Long bolt travel
- > For cylinder cores that are inserted from the front on-site
- > Backset D: 25 mm (31/32")
- > Bolt travel: 24 mm (15/16")
- > Screw mounted
- > Material: Zinc Alloy; Finish: nickel-plated

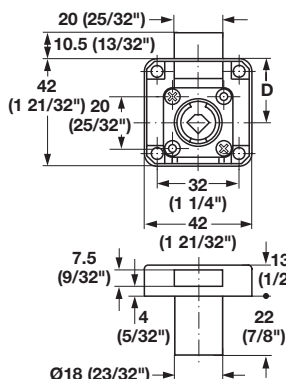
Handing/Version	Cylinder housing length	Item No.
left	22 (7/8")	232.25.610
right	22 (7/8")	232.25.600
drawer	22 (7/8")	232.25.620
drawer	32 (1 1/4")	232.25.680



- > With adjustable backset
- > For cylinder cores that are inserted from the front on-site
- > Backset D: 15–40 mm (19/32"–1 9/16"), adjustable in steps of 5 mm (3/16")
- > Cylinder housing length: 22 mm (7/8")
- > Handing: convertible to left or right
- > Screw mounted
- > Material: Zinc Alloy

Finish	Item No.
nickel-plated	232.26.690

→ Roller Shutter Rim Lock

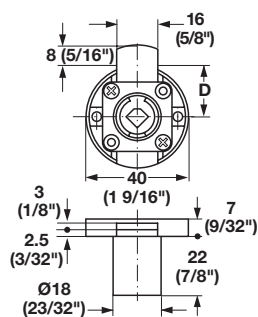


- > For cylinder cores that are inserted from the front on-site
- > Backset D: 24.5 mm (31/32")
- > Handing: drawer version
- > Screw mounted
- > Material: Zinc Alloy

Finish	Item No.
nickel-plated	232.30.620

Supplied With
Strike plate

→ Inlaid Lock



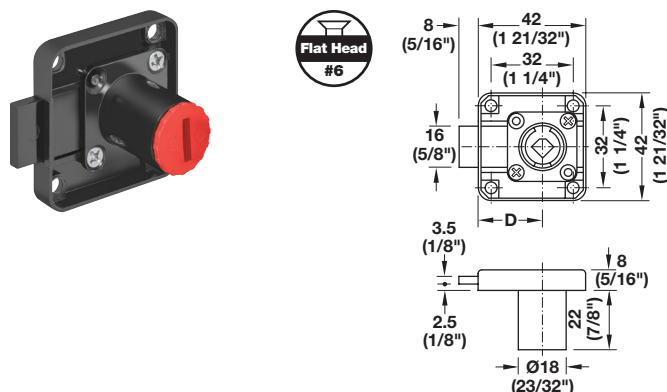
- > For cylinder cores that are inserted from the front on-site
- > Backset D: 20 mm (25/32")
- > Cylinder housing length: 22 mm (7/8")
- > Handing: drawer version
- > Screw mounted
- > Material: Zinc Alloy

Finish	Item No.
nickel-plated	230.28.620

Lock cores	pages 11.24–11.25
Flat head screws	pages 13.7–13.8, 13.10, 13.13

SYMO 3000 Modular Removable Core Locking System

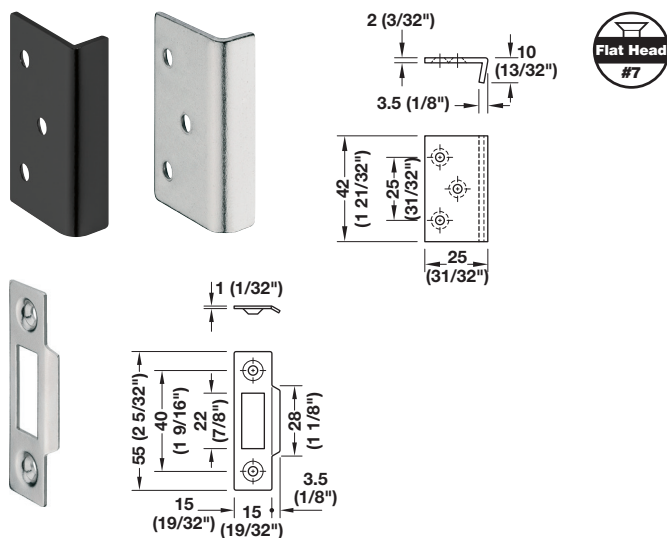
→ Deadbolt Rim Locks



- > For cylinder cores that are inserted from the front on-site
- > Backset D: 25 mm (31/32")
- > Cylinder housing length: 22 mm (7/8")
- > Screw mounted
- > Material: Zinc Alloy; Finish: black

Handing/Version	Item No.
left	232.26.340
right	232.26.330
drawer	232.26.350

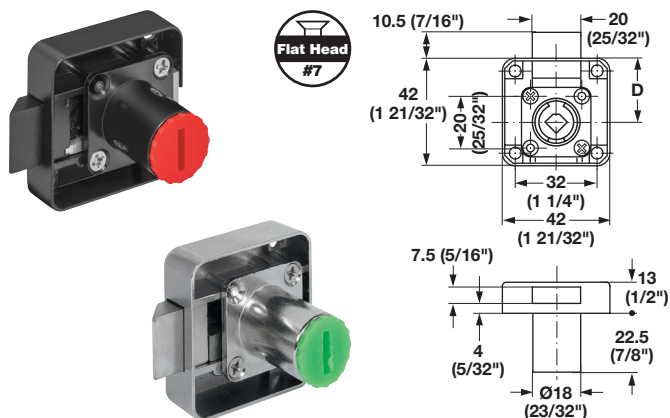
→ Angle Strike and Plate



- > Screw mounted
- > Material: Steel

Item	black	nickel-plated
Angle strike	232.37.993	232.37.991
Strike plate	—	232.37.990

→ Latchbolt Rim Locks

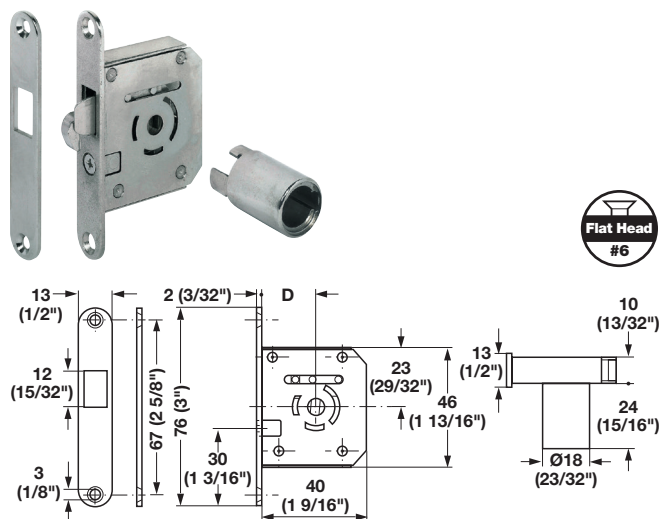


- > For cylinder cores that are inserted from the front on-site
- > Backset D: 25 mm (31/32")
- > Cylinder housing length: 22.5 mm (29/32")
- > The latchbolt can be locked in the open position, allowing for installation or disassembly of the cylinder core using the removal key
- > Screw mounted
- > Material: Zinc Alloy

Handing/Version	black	nickel-plated
left	232.37.324	232.37.624
right	232.37.323	232.37.623
drawer	232.37.325	232.37.625

SYMO 3000 Modular Removable Core Locking System Specialty Locks

→ Hook Bolt Mortise Lock



- > For cylinder cores that are inserted from the front on-site
- > Backset D: 22 mm (7/8")
- > Handing: right
- > Recess screw mounted
- > Material: Zinc Alloy

Finish

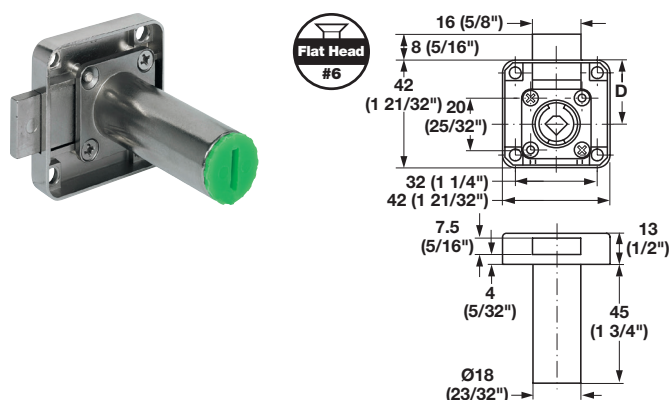
nickel-plated

Item No.

230.36.600

Supplied With Strike plate

→ Deadbolt Rim Locks



- > For cylinder cores that are inserted from the front on-site
- > Backset D: 25 mm (31/32")
- > Cylinder housing length: 45 mm (1 3/4")
- > Screw mounted
- > Material: Zinc Alloy; Finish: nickel-plated

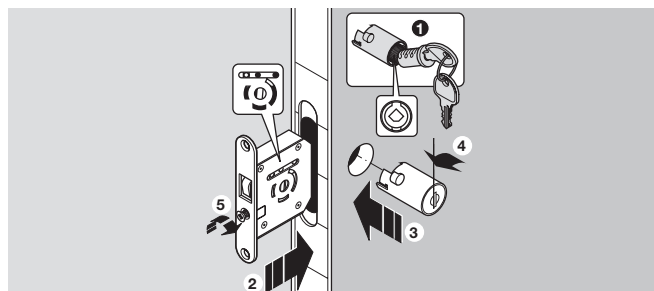
Handing/Version

left
right
drawer

Item No.

232.26.612
232.26.602
232.26.622

Lock cores	pages 11.24–11.25
Flat head screws	pages 13.7–13.8, 13.10, 13.13

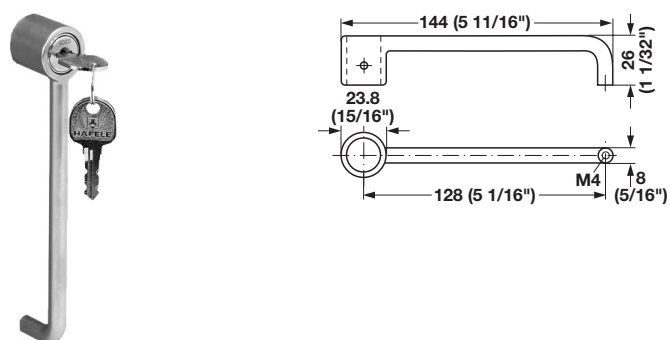


Installation

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 Handle



- > For SYMO dead bolt rim lock with extended cylinder
- > Screw mounted to cylinder housing with 2 mm (3/32") hex screw
- > Attach handle end to door with M4 screw
- > Material: Zinc Alloy

Finish

nickel-plated

Item No.

232.26.699

Supplied With

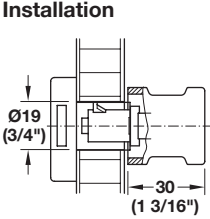
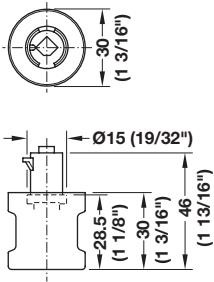
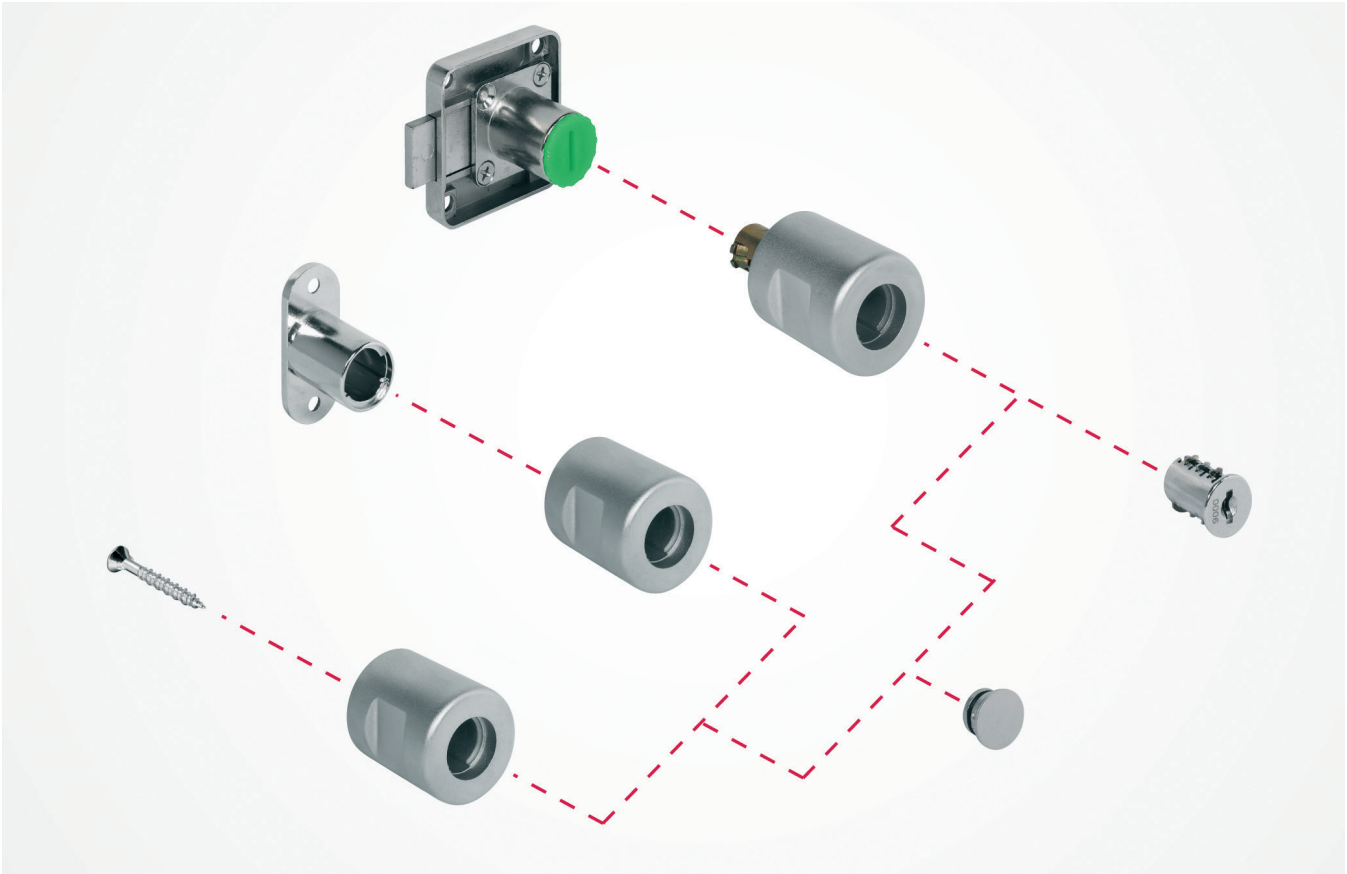
2 mm hex screw

Note

M4 screw not supplied.

SYMO 3000 Modular Removable Core Locking System

→ Rotary Handles

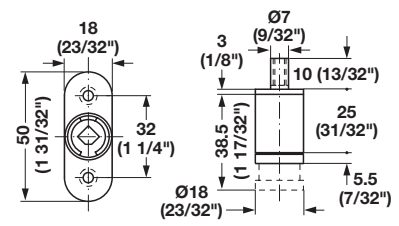
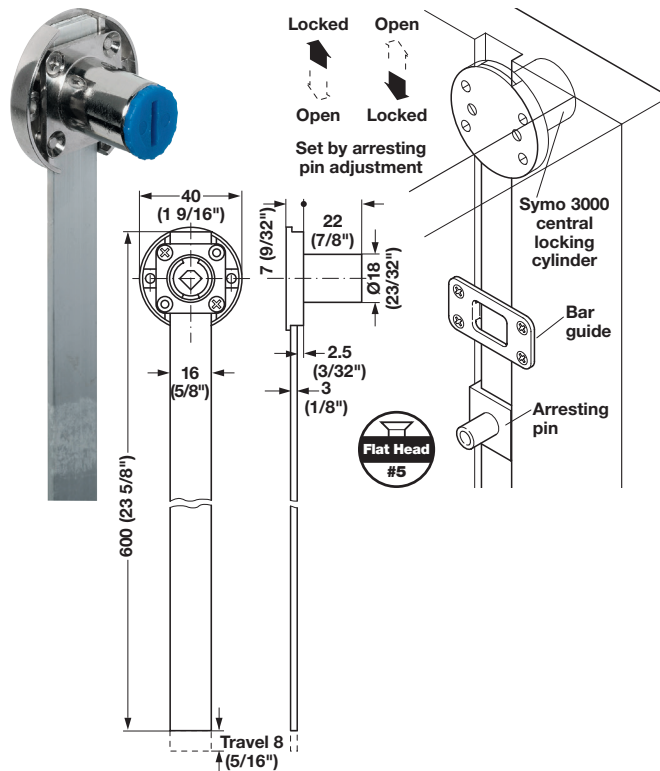


- > For Symo locks and cylinder cores
- > With holder for Symo cylinder cores (closable) or cover caps (lockable)
- > Without rings
- > Length: 30 mm (1 3/16")
- > Material: Zinc Alloy

Mounting	black	matte nickel-plated
left	229.80.340	229.80.620
right	229.80.330	229.80.610

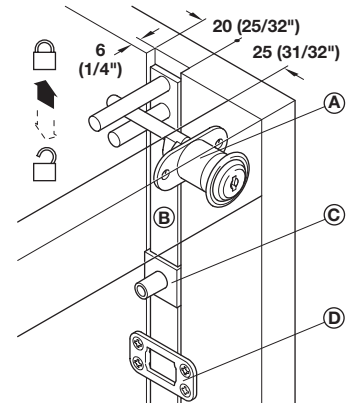
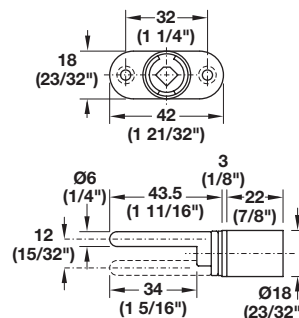
SYMO 3000 Modular Removable Core Locking System

→ Gang Locks



- > Push-button front mounted
- > 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 mounted
- > Material: Zinc Alloy

Finish	Item No.
nickel-plated	234.65.600
black	234.65.300



- A Central locking rotary lock
- B Central locking bar
- C Arresting pin
- D Bar guide

Mount central locking rotary lock on right hand side.

Central locking bar, arresting pin and bar guide not supplied. Please order separately.

- > Front mounted
- > With two wings
- > Closure direction: 180°
- > Travel: 12 mm (15/32")
- > Material: Zinc Alloy

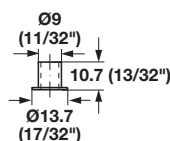
Finish	Item No.
nickel-plated	234.98.600
black	234.98.300

Note Only use premium 20 cylinder cores with restricted rotation and direction (DIN right) when using pin-tumbler cylinder removable cores.

- > Side mounted
- > 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 mounted
- > Material: Cylinder: Zinc Alloy; Bar: Aluminum

Finish	Item No.
nickel-plated	237.48.600

→ Locking Sleeve



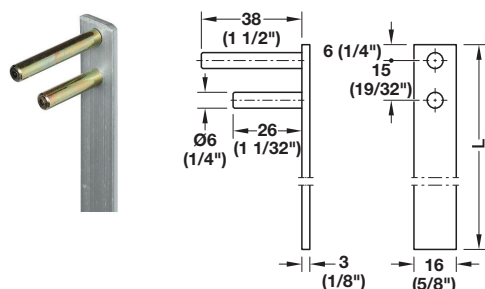
- > For SYMO 3000 push-button cylinder
- > Accommodates the locking pin
- > Mounts in drilled hole
- > Material: Brass

Finish	Item No.
nickel-plated	234.59.994

Lock cores	pages 11.24–11.25
Accessories	pages 11.32
Flat head screws	pages 13.7–13.8, 13.10, 13.13

SYMO 3000 Modular Removable Core Locking System

→ Central Locking Bar



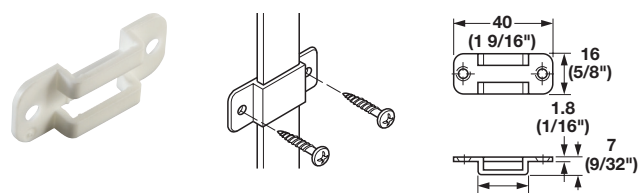
- > When cylinder is locked by 180°, the lifting pin turns upwards and pulls the central locking bar upwards by the lift into the lock
- > Material: Aluminum, bright

Length	Item No.
600 (23 5/8")	237.10.002
800 (31 1/2")	237.10.004
1000 (39 3/8")	237.10.006
1500 (59 1/16")	237.10.009

Note

Install the rotary cylinder on the right hand side.

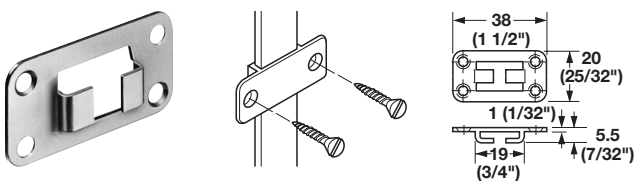
→ Bar Guides



- > Guides can be used for surface mounted (left) or recessed (right) bars by reversing their position
- > Open type
- > Designed for a bar section W x D: 16 x 3 mm (5/8" x 1/8")
- > Material: Plastic; Color: white

Item No.

237.23.720

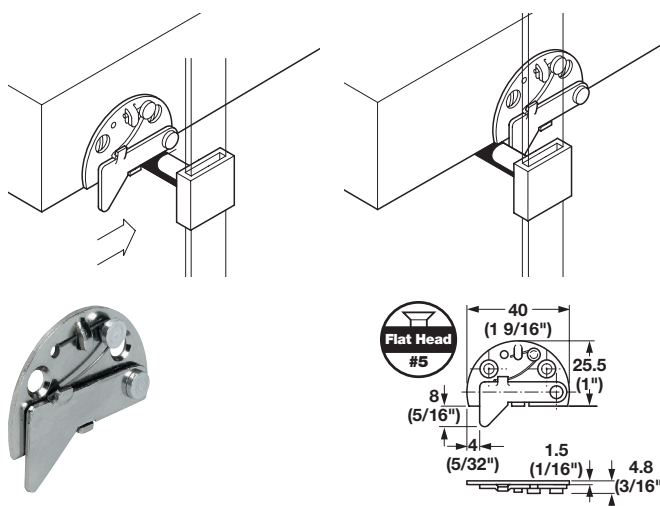


- > Material: Steel, galvanized

Item No.

237.23.006

→ Drawer Catches



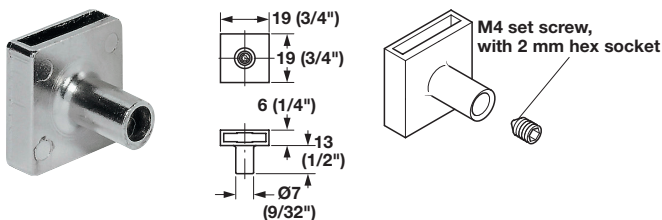
Mounting arrangement for a right hand drawer

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

- > Screw mounted
- > Material: Steel; Finish: zinc-plated

Handing	Item No.
left	237.16.752
right	237.16.707

→ Arresting Pin



- > Material: Zinc Alloy

Finish	Item No.
nickel matte	237.22.100

Supplied With
Slotted set screw

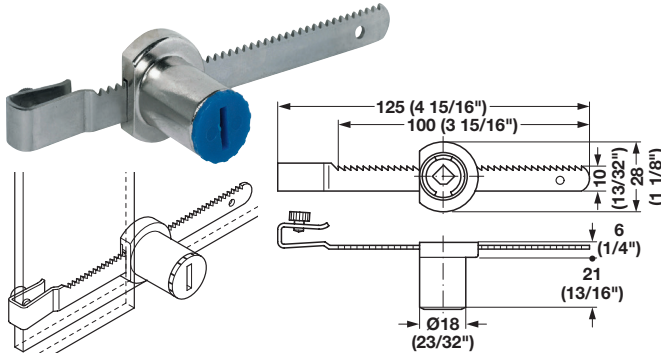
Flat head screws pages 13.7–13.8, 13.10, 13.13

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

SYMO 3000 Modular Removable Core Locking System

> For cylinder cores that are inserted from the front on-site

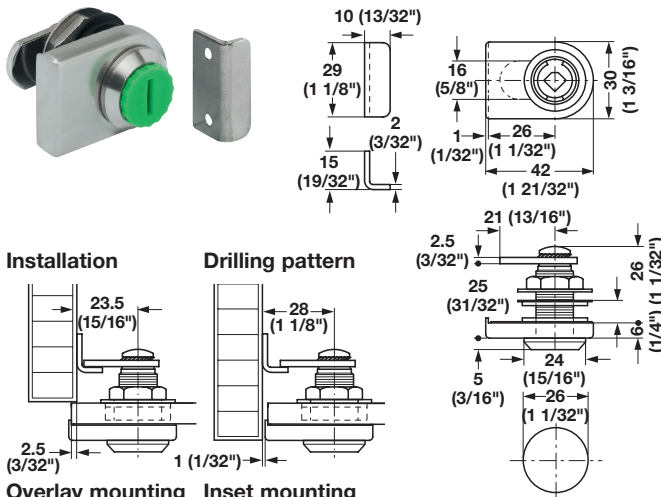
→ Sliding Glass Door Lock



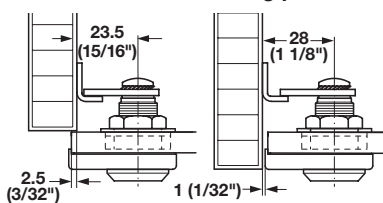
- > Glass door thickness: 4–7 mm (5/32"–9/32")
- > Rack clips on, cylinder slides onto rack
- > Material: Housing: Zinc Alloy; Rack: Stainless Steel

Finish	Item No.
nickel-plated matte	233.44.600

→ Glass Door Cam Locks



Installation



Overlay mounting Inset mounting

- > Glass door thickness: 4–10 mm (5/32"–13/32")
- > Cam: straight
- > Closure direction: 180° (convertible)
- > Screw mounted with hexagon nut
- > Material: Zinc Alloy

Finish	Handing	Item No.
nickel-plated polished	left	233.42.600
	right	233.42.610
nickel-plated matte	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
- > Glass thickness: 4–10 mm (5/32"–13/32")
- > Material: Zinc Alloy

Finish	Item No.
nickel-plated polished	233.40.712

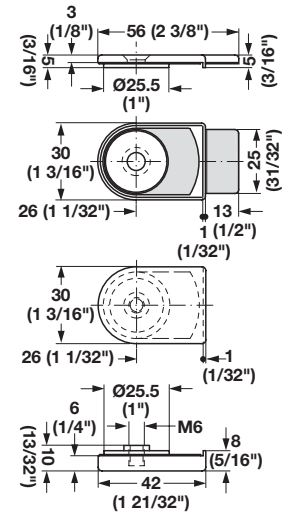
Supplied With

2 Clamping plates, Clamping piece

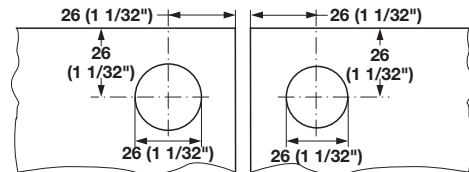
Threaded screws:

M6 × 10 mm (13/32") (glass thickness: max. 8 mm (5/16"))

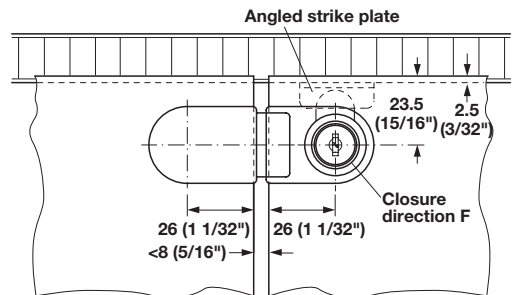
M6 × 12 mm (15/32") (glass thickness: max. 8–10 mm (5/16"–13/32"))



Drilling pattern

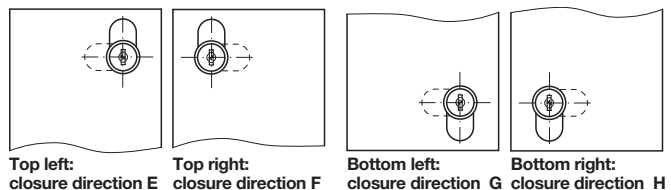


Installation



Application

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

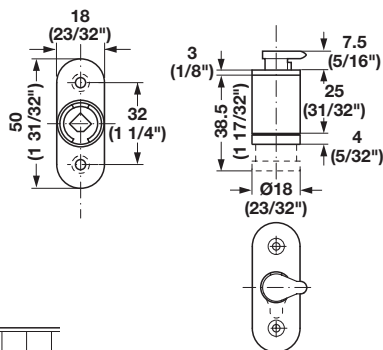


Top left: closure direction E Top right: closure direction F Bottom left: closure direction G Bottom right: closure direction H

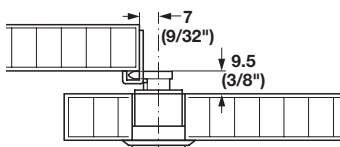
SYMO 3000 Modular Removable Core Locking System

- > For cylinder cores that are inserted from the front on-site
- > Screw mounted

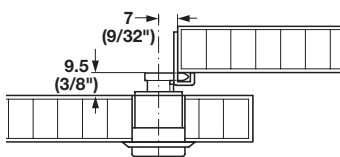
→ Sliding Door Locks



Installation



Closure Direction A (right)

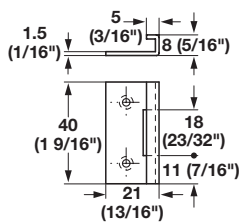


Closure Direction B (left)

- > The rotary bolt further protects sliding doors from being pushed in
- > The lock can only be locked and unlocked with the key
- > Closure direction: 180°
- > Material: Zinc Alloy; Finish: nickel-plated

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

→ Angled Strike Plate

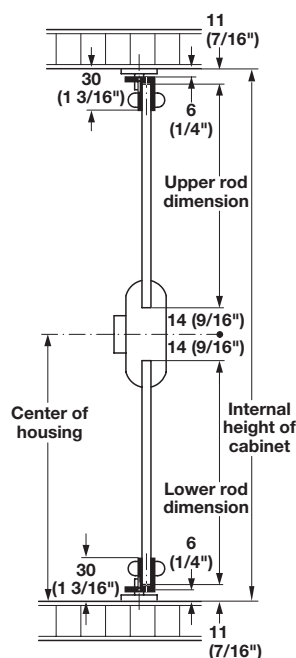
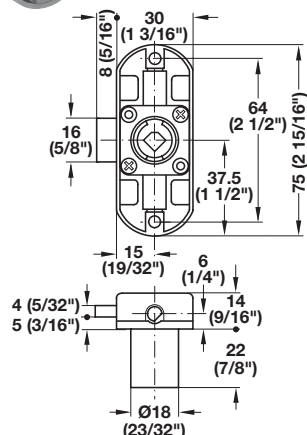


- > For SYMO 3000 push and turn lock
- > Material: Steel

Finish	Item No.
zinc-plated	239.01.910

Lock cores	pages 11.24–11.25
Rod guides, locking bolt, top and bottom catch hooks	page 11.37
Profile rod	page 11.37
Accessories	page 11.32

→ PICCOLA-NOVA Espagnolette Locks

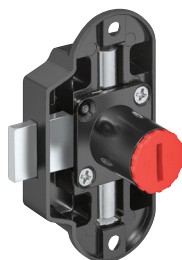


- > For divided profile rod: 6 mm (1/4")
- > Backset: 15 mm (19/32")
- > Cylinder housing length: 22 mm (7/8")
- > Screw mounted or press fit
- > Material: Zinc Alloy

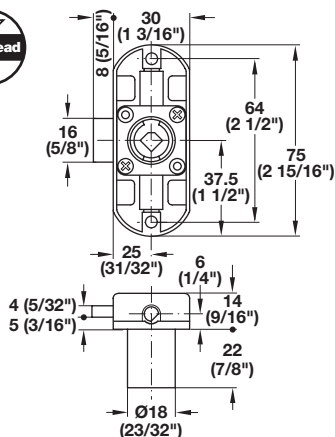
Mounting	Handing	black	nickel-plated
screw	left	224.64.350	224.64.650
	right	224.64.305	224.64.600
press fit	left	–	224.63.650
	right	–	224.63.600

Note

Please consider the following measurements when designing the cabinet and choosing the accessories for the espagnolette lock:
Upper rod dimension: center of housing – 25 mm (31/32")
Lower rod dimension: center of housing – 25 mm (31/32")

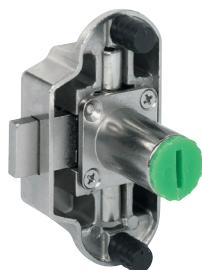


Screw mounted



- > For divided profile rod: 6 mm (1/4")
- > Backset: 25 mm (31/32")
- > Cylinder housing length: 22 mm (7/8")
- > Screw mounted or press fit
- > Material: Zinc Alloy

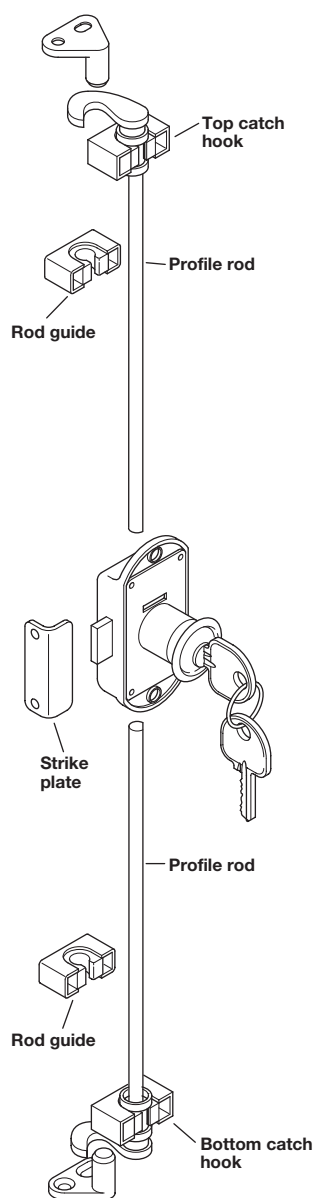
Mounting	Handing	black	nickel-plated
screw	left	224.64.360	224.64.660
	right	224.64.310	224.64.610
press fit	left	–	224.63.660
	right	–	224.63.610



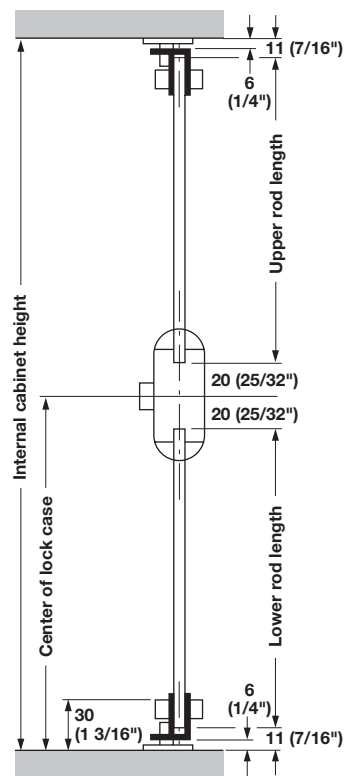
Press fit

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Espagnolette Locking Systems

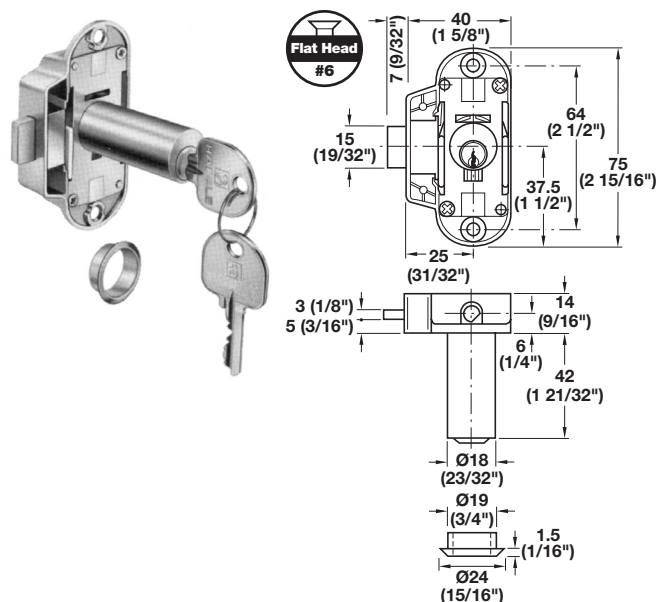


- > A three point locking system designed for tall wardrobe type cabinets
- > Keeps top and bottom of doors secure and aligned
- > For door height: max. 2,000 mm (78")



Espagnolette Locking System

→ Lock Case



- > H1 – keyed alike
- > With extended cylinder: Ø18 mm (23/32")
- > Accommodates customer designed furniture knob or pull
- > 5 pin levers = 10,000 key changes (H1 - H10,000)
- > Closure travel: 180°
- > Material: Zinc die-cast

Finish

nickel-plated

Item No.

225.62.290

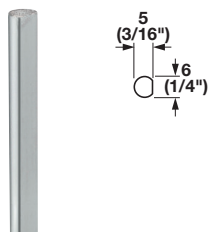
Supplied With

2 Keys
Cylinder

Note

Master keying and General Master key systems available upon request. Please include a key plan. Plan on 8 to 10 weeks to produce. Please specify the required key change and mounting side when ordering.

→ Profile Rod



- > Length: 2,000 mm (78 3/4")
- > Material: Drawn Steel

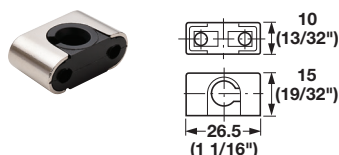
Finish

nickel-plated

Item No.

226.07.209

→ Rod Guide



- > Screw mounted
- > Material: Zinc die-cast; Guides: Plastic

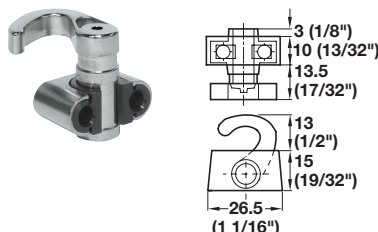
Finish

nickel-plated

Item No.

239.75.761

→ Top and Bottom Catch Hook



- > Screw mounted
- > Material: Zinc die-cast; Guides: Plastic

Finish

nickel-plated

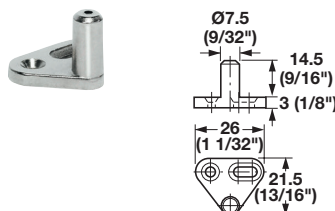
Item No.

226.30.761

Note

Sold in pairs

→ Locking Bolt, adjustable



- > Screw mounted
- > Material: Zinc die-cast

Finish

nickel-plated

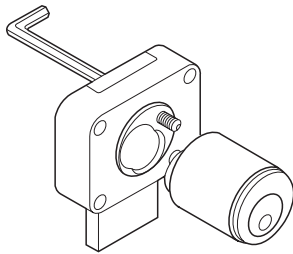
Item No.

226.57.708

Strike plates	page 11.55
Flat head screws	pages 13.7–13.8, 13.10, 13.13

PAGE RESERVED FOR
NEW PRODUCT

National Locks High Security



Note

The PLUS feature allows you to remove the cylinder from our pin tumbler box locks while the lock remains in place. Mounting screws do not need to be removed. Simply use a 2 mm (3/32") hex wrench from the back to remove the cylinder for re-keying.

- > Locks on this page meet or exceed ANSI/BHMA Grade 2 (Grade 1 available upon request)
- > Approved by the Woodworkers Institute

Note

Custom Master keying and General Master key systems available upon request.
2,000 key changes are possible, special order 5 pin tumblers:
- Please include a key plan
- Plan on 2-3 weeks to produce

→ C8173 Door Locks

- > Handing: right/left hand applications
- > 4 pin tumblers include 850 key changes
- > Cylinder length: 22 mm (7/8")
- > Bolt travel: 19 mm (3/4")
- > Surface mounted
- > Key turns 360°
- > Required hole Ø: 24 mm (15/16")

- > 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

Supplied With

2 Keys, Strike plate, Screws

- > Master keyed, keyed different
- > Random key numbers only
- > Please order master key separately, see below
- > Material: Lock/Keys: Brass-plated

Finish	National No.	Item No.
brushed chrome	C8173-MKKD-26D	232.14.497

Supplied With

2 Keys, Strike plate, Screws

Note

Order master key and cylinder rosettes separately, below.

- > Keyed alike

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

Supplied With

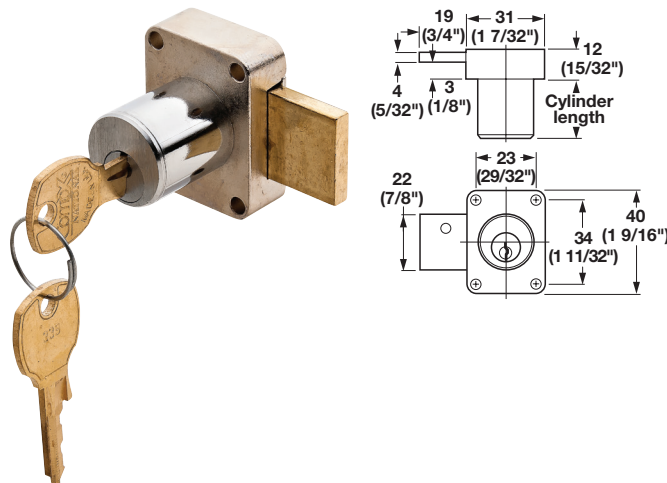
2 Keys, Strike plate, Screws

→ Master Key

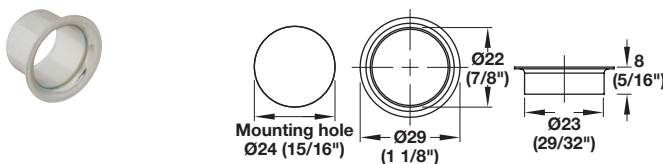


- > For MKKD locks above
- > Material: Brass

National No.	Item No.
D4299	210.02.209



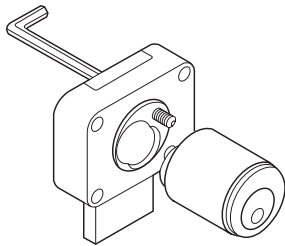
→ Cylinder Rosettes



- > Material: Brass

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

National Locks High Security



Note

The PLUS feature allows you to remove the cylinder from our pin tumbler box locks while the lock remains in place. Mounting screws do not need to be removed. Simply use a 2 mm (3/32") hex wrench from the back to remove the cylinder for re-keying.

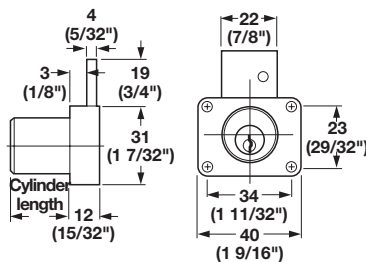
- > Locks on this page meet or exceed ANSI/BHMA Grade 2 (Grade 1 available upon request)
- > Approved by the Woodworkers Institute

Note

Custom Master keying and General Master key systems available upon request.
2,000 key changes are possible, special order 5 pin tumblers:
- Please include a key plan
- Plan on 2-3 weeks to produce

→ **C8178 and C8179 Drawer Locks**

- > 4 pin tumblers include 850 key changes
- > Surface mounted
- > Required hole Ø: 24 mm (15/16")
- > Bolt travel: 19 mm (3/4")
- > Key turn 360°



- > Keyed different
- > Material: Brass-plated

Finish	Cylinder length	National No.	Item No.
brushed chrome	22 (7/8")	C8178-MKKD-26D	232.14.300
brushed chrome	35 (1 3/8")	C8179-MKKD-26D	232.14.350
satin brass	22 (7/8")	C8178-KD-4	232.14.600
satin brass	35 (1 3/8")	C8179-KD-4	232.14.650

Supplied With

2 Keys, Strike plate, Screws

- > Master keyed, keyed different
- > Random key numbers only
- > Material: Brass-plated

Cylinder length	National No.	Item No.
22 (7/8")	C8178-MKKD-26D	232.14.347
35 (1 3/8")	C8179-MKKD-26D	232.14.397

Supplied With 2 Keys, Strike plate, Screws

Note Order master key and cylinder rosettes separately, below.

- > Keyed alike

Finish	Keying #s	National No.	Cylinder length 22 mm (7/8")	National No.	Cylinder length 35 mm (1 3/8")
brushed chrome	101	C8178-101-26D	232.14.301	C8179-101-26D	232.14.351
	103	C8178-103-26D	232.14.302	C8179-103-26D	232.14.352
	107	C8178-107-26D	232.14.303	C8179-107-26D	232.14.353
	915	C8178-915-26D	232.14.304	C8179-915-26D	232.14.354
satin brass	107	C8178-107-4	232.14.603	C8179-107-4	232.14.653
	915	C8178-915-4	232.14.604	-	-

Supplied With

2 Keys, Strike plate, Screws

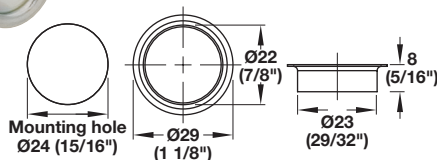
→ **Master Key**



- > For MKKD locks above
- > Material: Brass

National No.	Item No.
D4299	210.02.209

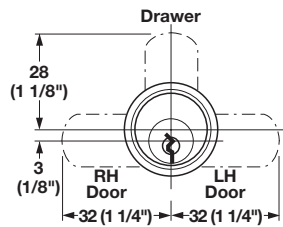
→ **Cylinder Rosettes**



- > Material: Brass

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

National Locks High Security



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.

> Approved by the Woodworkers Institute

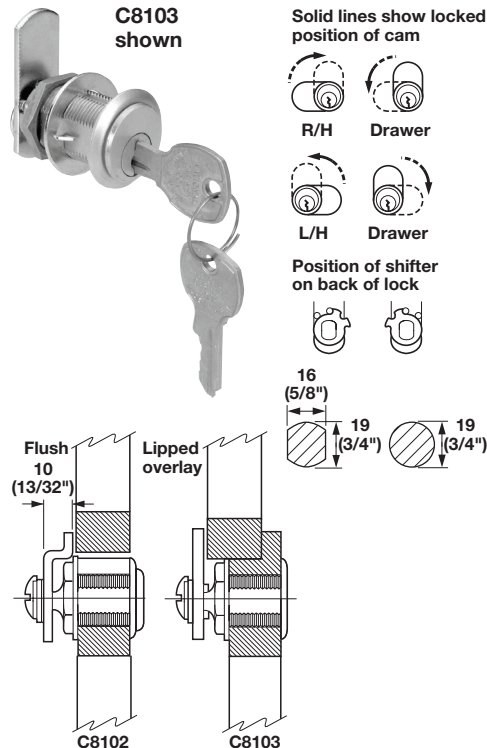
Note

Custom Master keying and General Master key systems available upon request.

2,000 key changes are possible, special order 5 pin tumblers:

- Please include a key plan
- Plan on 2-3 weeks to produce

→ C8102 and C8103 Cam Locks



- > Keyed different
- > For drawer, left/right hand applications
- > 4 pin tumblers include 850 key changes
- > Cam turns 90°, key turns 360°
- > Material: Brass

Finish	Mounting type	Length	Material thickness	National No.	Item No.
brushed	flush	27 (1 1/16")	19 (3/4")	C8102-KD-26D	235.10.400
chrome	lipped/overlay	30 (1 3/16")	22 (7/8")	C8103-KD-26D	235.10.300
satin	flush	27 (1 1/16")	19 (3/4")	C8102-KD-4	235.10.500
brass	lipped/overlay	30 (1 3/16")	22 (7/8")	C8103-KD-4	235.10.600

Supplied With

2 Keys, 2 Cams, Spur washer, Rosette

- > Master keyed, keyed different
- > Random key numbers only
- > Material: Brass-plated; Finish: brushed chrome

Mounting type	Length	Material thickness	National No.	Item No.
flush	27 (1 1/16")	19 (3/4")	C8102-MKKD-26D	235.10.497
lipped/overlay	30 (1 3/16")	22 (7/8")	C8103-MKKD-26D	235.10.397

Supplied With

2 Keys, Strike plate, Screws

Note

Order master key separately, below.

→ Keys



- > Master
- > For MKKD locks above
- > Material: Brass

National No.	Item No.
D4299	210.02.209



- > Replacement
- > For locks: C8102, C8103, C8139, C8142, C8173, C8178, C8179
- > Material: Brass

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

→ Mounting Plate for Cam Locks



- > Used when spur washer will not embed into hard surfaces
- > W x H: 56 x 32 mm (2 1/4" x 1 1/4")
- > Material: Steel

National No.	Item No.
C2016-2C	210.02.081

→ Mounting Plate for Cylinder Cam Locks

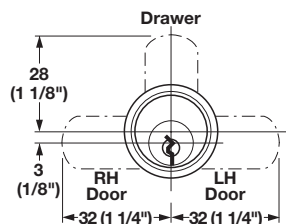


- > Single screw mounted
- > Use when spur washer will not embed into hard surfaces
- > W x H: 35 x 32 mm (1 3/8" x 1 1/4")

National No.	Item No.
C2014	210.02.084

Supplied With 25 pcs.

National Locks High Security



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.

> Approved by the Woodworkers Institute

Note

Custom Master keying and General Master key systems available upon request.

2,000 key changes are possible, special order 5 pin tumblers:

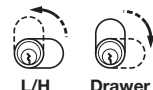
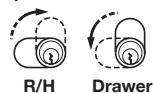
- Please include a key plan
- Plan on 2-3 weeks to produce

→ C8102 and C8103 Cam Locks

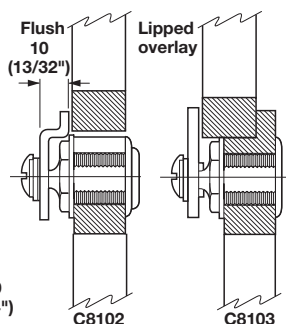
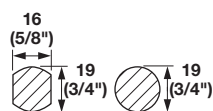
- > For drawer, left/right hand applications
- > 4 pin tumblers include 850 key changes
- > Cam turns 90°, key turns 360°



Solid lines show locked position of cam



Position of shifter on back of lock



- > Keyed alike
- > Mounting type: Flush
- > Cylinder length: 27 mm (1 1/16 inch)
- > Material thickness: max. 19 mm (3/4 inch)
- > 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

Supplied With

2 Keys
2 Cams
Spur washer
Rosette

- > Keyed alike
- > Mounting type: Lipped overlay
- > Cylinder length: 30 mm (1 3/16 inch)
- > Material thickness: max. 22 mm (7/8 inch)
- > 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 when spur washer will not embed into hard surfaces
- > W x H: 56 x 32 mm (2 3/8 x 1 1/4 inch)
- > Material: Steel

National No.	Item No.
C2016-2C	210.02.081

→ Mounting Plate for Cylinder Cam Locks



- > Single screw mounted
- > Use when spur washer will not embed into hard surfaces
- > W x H: 35 x 32 mm (1 3/8 x 1 1/4 inch)

National No.	Item No.
C2014	210.02.084

Supplied With 25 pcs.

National Locks High Security

> Approved by the Woodworkers Institute

Note

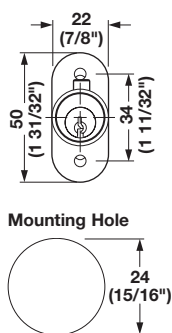
Custom Master keying and General Master key systems available upon request.

2,000 key changes are possible, special order 5 pin tumblers:

- Please include a key plan
- Plan on 2-3 weeks to produce

→ C8142 Sliding Door Locks

- > For sliding wood doors
- > 4 pin tumblers include 100 key changes
- > Cylinder length: 29 mm (1 1/8")
- > Bolt travel: 11 mm (7/16")
- > Surface mounted
- > Required hole Ø: 24 mm (15/16")
- > Key turns 90°



- > Keyed different
- > Material: Brass-plated

Finish	National No.	Item No.
brushed chrome	C8142-KD-26D	234.48.400

Supplied With

2 Keys
Locking sleeve
Screws

- > Master keyed, keyed different
- > Random key numbers only
- > Material: Brass-plated

Finish	National No.	Item No.
brushed chrome	C8142-MKKD-26D	234.48.498

Supplied With

2 Keys
Locking sleeve
Screws

Note

Order master key and cylinder rosettes separately, below.

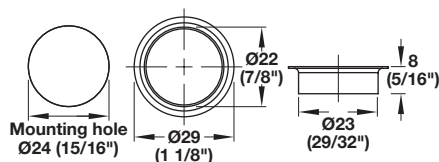
- > Keyed alike
- > Material: Brass-plated

Finish	Keying #'s	National No.	Item No.
brushed chrome	101	C8142-101-26D	234.48.401
	103	C8142-103-26D	234.48.402

Supplied With

2 Keys
Locking sleeve
Screws

→ Cylinder Rosettes



- > Material: Brass

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

→ Master Key



- > For MKKD locks above
- > Material: Brass

National No.	Item No.
D4299	210.02.209

National Locks High Security

> Approved by the Woodworkers Institute

Note

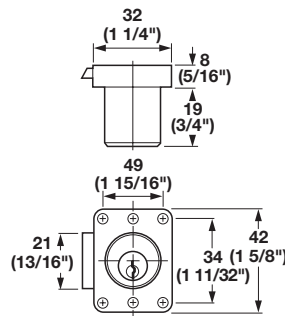
Custom Master keying and General Master key systems available upon request.

2,000 key changes are possible, special order 5 pin tumblers:

- Please include a key plan
- Plan on 2-3 weeks to produce

→ C8139 Spring Bolt Locks

- > Right hand application
- > 4 pin tumblers include 850 key changes
- > Cylinder length: 19 mm (3/4")
- > Bolt travel: 5.5 mm (7/32")
- > Surface mounted
- > Required hole Ø: 24 mm (15/16")
- > Key turns 90°



- > Keyed different
- > Material: Brass-plated

Finish	National No.	Item No.
brushed chrome	C8139-KD-26D	232.06.400

Supplied With

2 Keys
Locking sleeve
Screws

- > Master keyed, keyed different
- > Random key numbers only
- > Material: Brass-plated

Finish	National No.	Item No.
brushed chrome	C8139-MKKD-26D	232.06.497

Supplied With

2 Keys
Strike plate
Screws

Note

Order master key and cylinder rosettes separately, below.

- > Keyed alike
- > Material: Brass

Finish	Keying #'s	National No.	Item No.
brushed chrome	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

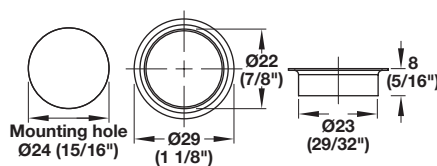
2 Keys
Locking sleeve
Screws

→ Master Key

- > For MKKD locks above
- > Material: Brass

National No.	Item No.
D4299	210.02.209

→ Cylinder Rosettes

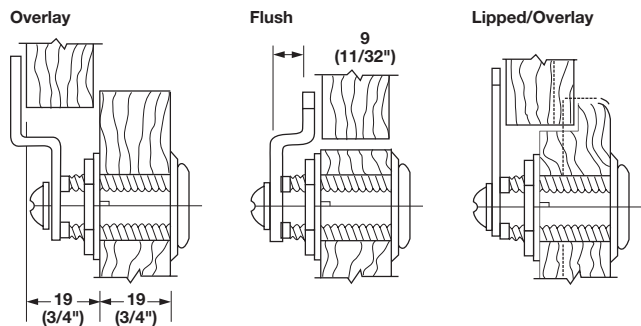


- > Material: Brass

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



National Locks C Series



- > For wood or metal doors
- > 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

Note

Custom Master keying available upon request.

→ C8053 Cam Locks



- > Keyed different
- > 90° cam turn on all locks
- > Key is removable in both locked and unlocked positions
- > Cylinder length: 30 mm (1 3/16")
- > Material thickness: max. 22 mm (7/8")
- > Material: Zinc/Nickel-plated

Finish	National No.	Item No.
bright nickel	C8053-KD-14A	235.10.620

Supplied With

2 Keys, Trim washer, 2 Cams, 2 Stop washers, Spur washer (for wood), Mounting nut

- > Master keyed, keyed different
- > Random key numbers only
- > Material: Brass-plated

Finish	National No.	Item No.
bright nickel	C8053-MKGD-14A	235.10.628

Supplied With

2 Keys, Trim washer, 2 Cams, 2 Stop washers, Spur washer (for wood), Mounting nut

Note

Order master key separately, below.

- > Keyed alike
- > Material: Zinc/Nickel-plated

Finish	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

bright nickel

Supplied With

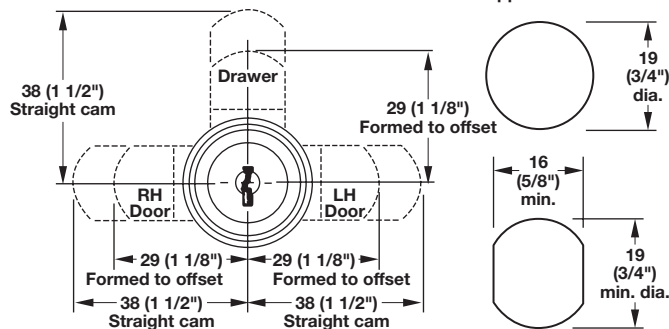
2 Keys, Trim washer, 2 Cams, 2 Stop washers, Spur washer (for wood), Mounting nut

→ Master Key



- > For MKGD locks above
- > Material: Brass

National No.	Item No.
D8799	210.02.219



→ Slam Cam



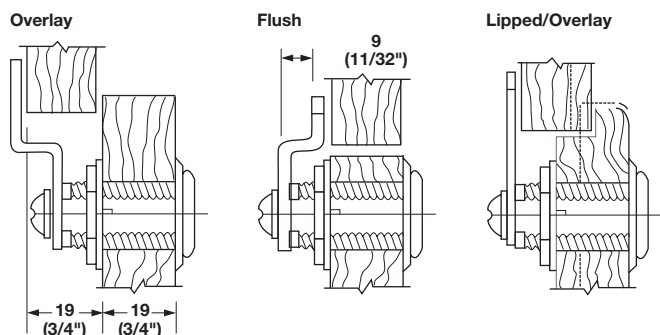
- > Self-locking with spring-loaded latch
- > Retrofit or upgrade
- > Compatible with National cam locks C8051-C8075
- > Material: Zinc/Plastic

National No.	Item No.
C7017	235.10.980

Supplied With

- 1 Self-locking component
- 4 Spacers
- 1 Washer (for C8051 and C8052 only)
- 3 Mounting screws

National Locks C Series



- > For wood or metal doors
- > 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

Note

Custom Master keying available upon request.

→ C8055 Cam Locks



- > Keyed different
- > 90° cam turn on all locks
- > Key is removable in both locked and unlocked positions
- > Cylinder length: 36 mm (1 7/16")
- > Material thickness: max. 28 mm (1 1/8")
- > Material: Zinc/Nickel-plated

Finish	National No.	Item No.
bright nickel	C8055-KD-14A	235.10.810

Supplied With

2 Keys, Trim washer, 2 Cams, Spur washer (for wood), Mounting nut

- > Master keyed, keyed different
- > Random key numbers only
- > Material: Brass-plated

Finish	National No.	Item No.
bright nickel	C8055-MKGD-14A	235.10.898

Supplied With

2 Keys, Trim washer, 2 Cams, Spur washer (for wood), Mounting nut

Note

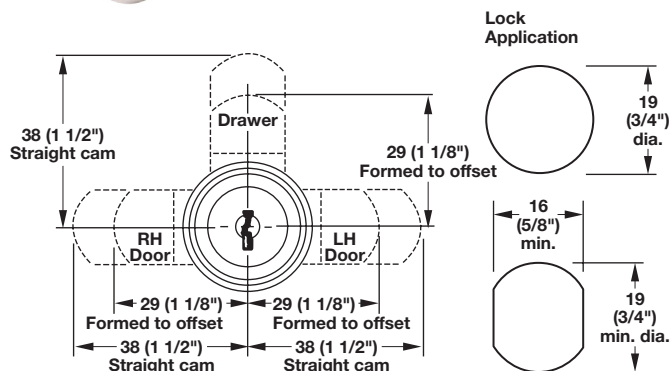
Order master key separately, below left.

- > Keyed alike
- > Material: Zinc/Nickel-plated

Finish	National No.	Item No.
	C346A	235.10.811
	C390A	235.10.812
bright nickel	C413A	235.10.813
	C415A	235.10.814
	C420A	235.10.815

Supplied With

2 Keys, Trim washer
2 Cams
Spur washer (for wood)
Mounting nut



11

→ Master Key

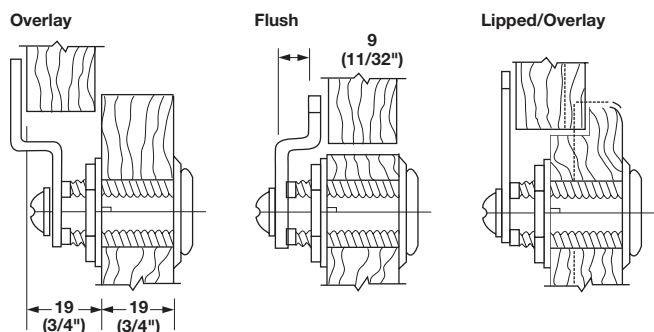
Locks



- > For MKGD locks above
- > Material: Brass

National No.	Item No.
D8799	210.02.219

National Locks C Series



- > For wood or metal doors
- > 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

Note

Custom Master keying available upon request.

→ C8060 Cam Locks



- > Keyed different
- > 180° cam turn on all locks
- > Key is removable in both locked and unlocked positions
- > Cylinder length: 45 mm (1 3/4\")
- > Material thickness: max. 36 mm (1 7/16\")
- > Material: Zinc/Nickel-plated

Finish	National No.	Item No.
bright nickel	C8060-KD-14A	235.10.650

Supplied With

2 Keys, Trim washer, 2 Cams, 2 Stop washers, Spur washer (for wood), Mounting nut

- > Master keyed, keyed different
- > Random key numbers only
- > Material: Brass-plated

Finish	National No.	Item No.
bright nickel	C8060-MKKD-14A	235.10.658

Supplied With

2 Keys, Trim washer, 2 Cams, 2 Stop washers, Spur washer (for wood), Mounting nut

Note

Order master key separately, below.

- > Keyed alike
- > Material: Zinc/Nickel-plated

Finish	National No.	Item No.
bright nickel	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

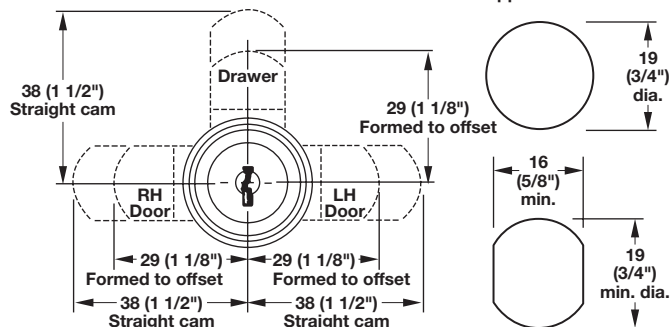
2 Keys, Trim washer, 2 Cams, 2 Stop washers, Spur washer (for wood), Mounting nut

→ Master Key



- > For MKKD locks above
- > Material: Brass

National No.	Item No.
D8799	210.02.219



→ Slam Cam



- > Self-locking with spring-loaded latch
- > Retrofit or upgrade
- > Compatible with National cam locks C8051-C8075
- > Material: Zinc/Plastic

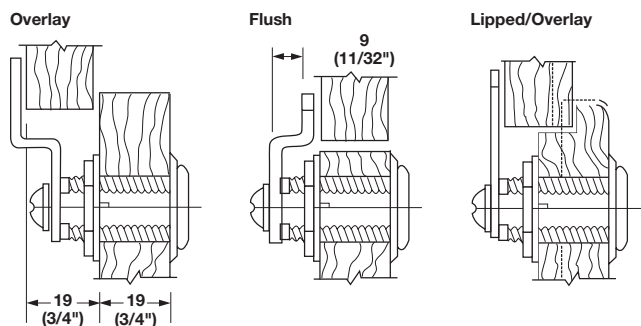
National No.	Item No.
C7017	235.10.980

Supplied With

- 1 Self-locking component
- 4 Spacers
- 1 Washer (for C8051 and C8052 only)
- 3 Mounting screws

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

National Locks C Series



- > For wood or metal doors
- > For right or left handed doors with lipped/overlay construction (straight cam) or flush construction (formed cam)
- > For overlay application, the combined thickness of the front and frame cannot exceed the cylinder length

Note

Custom master keying available upon request.

→ C8073 Cam Locks



- > Keyed different
- > 180° cam turn on all locks
- > Key is removable in both locked and unlocked positions
- > Cylinder length: 30 mm (1 3/16")
- > Material thickness: max. 22 mm (7/8")
- > Material: Zinc/Nickel-plated

Finish

bright nickel

National No.

C8073-KD-14A

Item No.

235.10.630

Supplied With

2 Keys, Trim washer, 2 Cams, 2 Stop washers, Spur washer (for wood), Mounting nut

- > Master keyed, keyed different
- > Random key numbers only
- > Material: Brass-plated

Finish

bright nickel

National No.

C8073-MKKD-14A

Item No.

235.10.698

Supplied With

2 Keys, Trim washer, 2 Cams, 2 Stop washers, Spur washer (for wood), Mounting nut

Note

Order master key separately, below.

- > Keyed alike
- > Material: Zinc/Nickel-plated

Finish

bright nickel

National No.

C346A

Item No.

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

→ Master Key



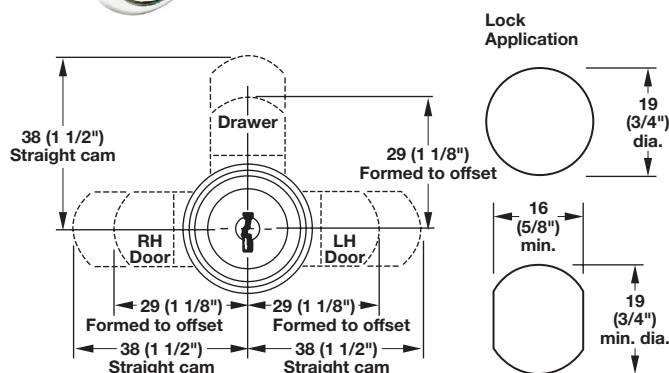
- > Random key numbers only
- > Material: Brass-plated

National No.

D8799

Item No.

210.02.219



→ Slam Cam



- > Self-locking with spring-loaded latch
- > Retrofit or upgrade
- > Compatible with National cam locks C8051-C8075
- > Material: Zinc/Plastic

National No.

C7017

Item No.

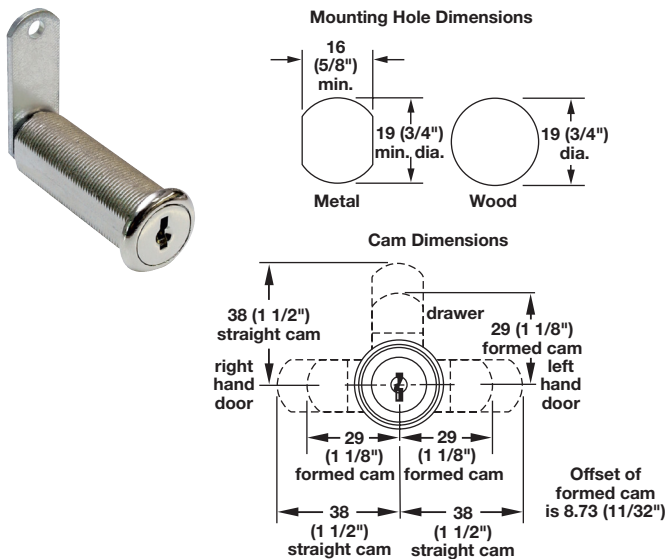
235.10.980

Supplied With

1 Self-locking component
4 Spacers
1 Washer (for C8051 and C8052 only)
3 Mounting screws

National Locks C Series

→ Disc Tumbler Cam Lock C8061



- > Choice of either 90 or 180 cam turn
- > Key is removable in both locked and unlocked positions
- > Cylinder length: 51 mm (2")
- > Material thickness: max. 46 mm (1 13/16")
- > Key codes: C346A, C390A, C413A, C415A, C420A and C642A
- > Keys together with other locks using D8785 key blank and master D8783 key blank
- > Material: Zinc

Finish	Keying	Item No.
bright nickel	different	235.10.505
bright nickel	alike	235.10.506
bright nickel	master keyed, different	235.10.507
antique brass	different	235.10.508
antique brass	alike	235.10.509
antique brass	master keyed, different	235.10.510

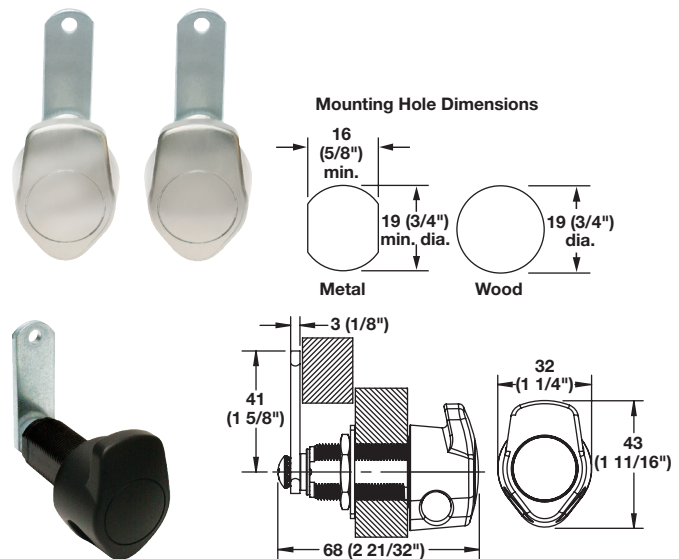
Supplied With

2 keys, FlexaCam spacers, Trim washer, Spur washer (for wood), Mounting nut, 2 Cams, 2 Cam stop washers

→ Slam Cam



→ Padlockable Cam Lock C8010



- > Cylinder length: 37 mm (1 7/16")
- > Material thickness: max. 29 mm (1 1/8")
- > Accepts padlocks with a shackle Ø: max. 10 mm (13/32")
- > Choice of either 90° or 180° clockwise or counterclockwise rotation
- > Material: Zinc

Finish

Finish	Item No.
bright nickel	235.10.637
satin nickel	235.10.638
black	235.10.639

Supplied With

FlexaCam spacers, Mounting plate for wood installation, Cam, Detent washer, Rotation stop, Mounting hardware

Note

Padlock not included.

- > Self-locking with spring-loaded latch
- > Retrofit or upgrade
- > Compatible with National cam locks C8051-C8075
- > Material: Zinc/Plastic

National No.

C7017

Item No.

235.10.980

Supplied With

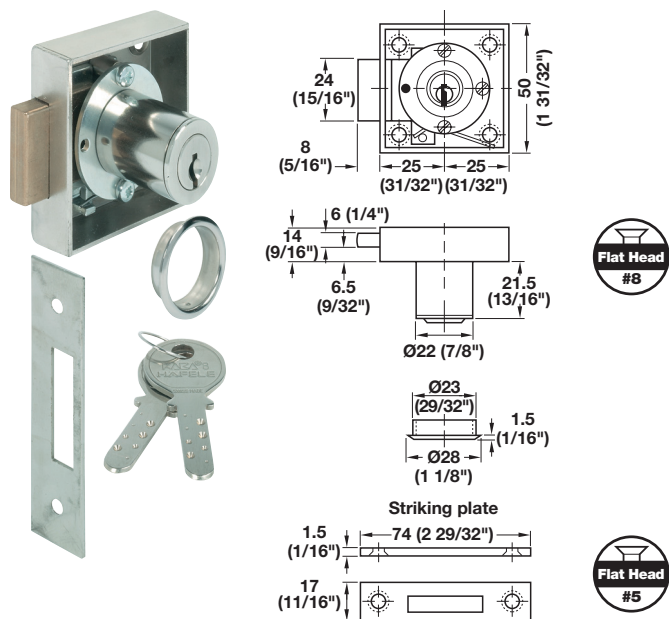
- 1 Self-locking component
- 4 Spacers
- 1 Washer (for C8051 and C8052 only)
- 3 Mounting screws

KABA Locks High Security

→ **Deadbolt Lock**

- > With KABA cylinder Ø: 22 mm (7/8")
- > Right hand orientation; can be adapted for left/drawer use
- > 8 pin levers = 100,000 key changes
- > Backset: 25 mm (31/32")

- > Keyed different
- > Material: Case: Steel; Strike Plate/Bolt: Brass



Finish

nickel-plated

Item No.

230.06.224

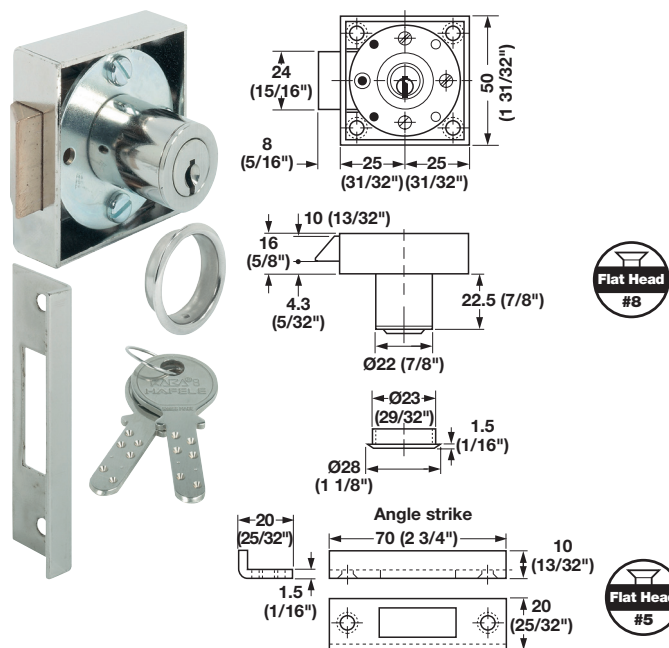
Supplied With

2 Keys
Cylinder rosette
Strike plate

→ **Spring Bolt/Slam Locks**

- > With KABA cylinder Ø: 22 mm (7/8")
- > Right hand orientation; can be adapted for left/drawer use
- > 8 pin levers = 100,000 key changes
- > Backset: 25 mm (31/32")

- > Keyed different
- > Material: Case: Steel; Strike Plate/Bolt: Brass



Finish

nickel-plated

Item No.

231.06.229

Supplied With

2 Keys
Cylinder rosette
Strike plate

- > Keyed alike (K1)
- > Material: Case: Steel; Strike Plate/Bolt: Brass

Finish

nickel-plated

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.

Flat head screws

pages 13.7–13.8, 13.10, 13.13

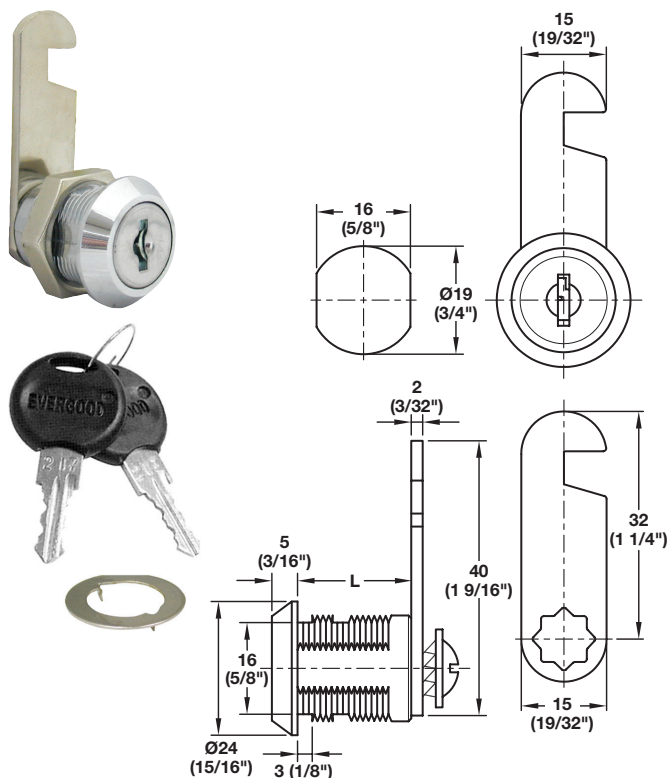
SC Series Keyed Cabinet Locks

- > Economical cam locks
- > Key turn 90°
- > Key is removable in locked and unlocked position
- > Keyed alike
- > Keyed different, 168 possibilities
- > Key changes randomly selected for keyed different option

Note

Master keying or key plans are not available

→ Cam Locks



- > Ø: 16 mm (5/8'')
- > Straight cam length: 39 mm (1 17/32'')
- > 5 plate levers
- > Dim. L: 25 mm (31/32'')
- > Material: Zinc Alloy; Finish: chrome-plated

Keying

Keying	Item No.
different	235.20.200
alike	235.20.201

Supplied With

2 Keys
Lock nut
Cam plate
Washer

- > Ø: 19 mm (3/4'')
- > Straight cam length: 39 mm (1 17/32'')
- > 5 plate levers
- > Dim. L: 30 mm (1 1/8'')
- > Material: Zinc Alloy; Finish: chrome-plated

Keying

Keying	Item No.
different	235.20.210
alike	235.20.211

Supplied With

2 Keys
Lock nut
Cam plate
Washer

→ Offset Cams

- > Length: 30 mm (1 3/16'')
- > Material: Zinc; Finish: yellow

Offset

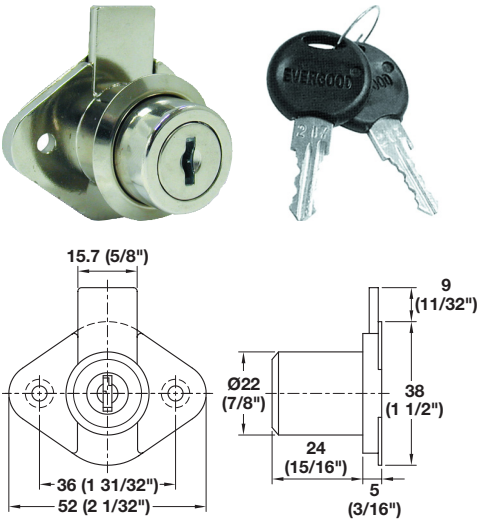
Offset	Item No.
4 (5/32'')	219.13.971
6 (1/4'')	219.13.972
8 (5/16'')	219.13.973

Note

Order separately to replace straight cams.

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Deadbolt Drawer Locks



- > Economical drawer locks
- > Key is removable in locked and unlocked position
- > Keyed different, 168 possibilities
- > Key changes randomly selected for keyed different option

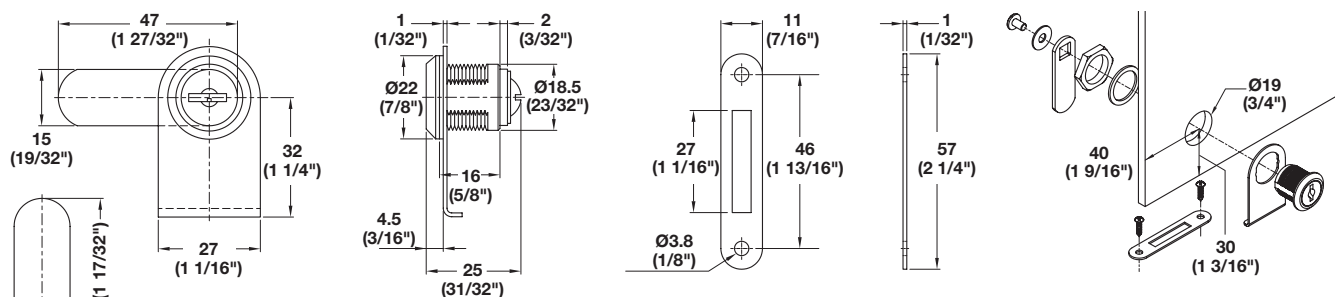
Note
Master keying systems or key plans are not available.

- > For wood drawers
- > Wood thickness: 19 mm (3/4")
- > 5 Plate levers
- > 180° key rotation
- > Throw: 9 mm (11/32")
- > Material: Zinc Alloy; Finish: chrome-plated

Keying	Item No.
different	230.35.200
alike	230.35.201

Supplied With
2 Keys
Rosette

Glass Door Lock



- > Keyed alike
- > For single door use
- > Glass thickness: 5–6 mm (3/16"–1/4")
- > Material: Zinc Alloy; Front plate and strike: Steel; Washer: Plastic

Finish

chrome-plated

Item No.

233.21.201

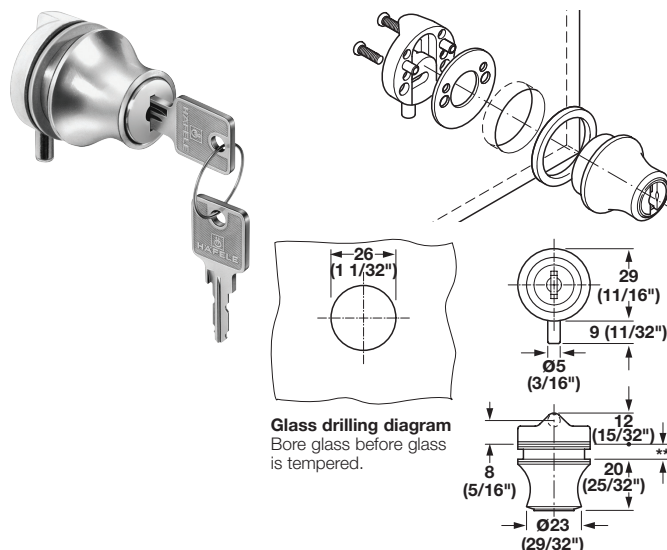
Supplied With

2 Keys
Front plate
Washer
Lock nut
Straight cam
Strike

Note

Screws are not supplied.

Glass Door Pin Locks



Glass drilling diagram
Bore glass before glass
is tempered.

- > Screw mounted backplate
- > Glass thickness: 4–6 mm (5/32"–1/4")
- > With 6 plate levers = 1,000 key changes
- > Closure travel: 90°
- > Material: Zinc die-cast; Finish: nickel-plated matte

Keying

different

Item No.

233.05.600

alike #N7921PL

233.05.601

Supplied With

2 Keys
2 Rubber spacers
2 Screws

Built-In Gang Locking System

Rear panel

- > The guides and arresting pins are designed for a bar section measuring 16 × 3 mm (5/8" × 1/8")
- > 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 guide

→ Roller Clamp



- > For locking bar
- > Material: Steel

Finish
zinc-plated

Item No.
237.42.010

→ Bar Guide



- > For locking bar, screw mounted
- > Material: Steel

Finish
zinc-plated

Item No.
237.42.029

→ Spring Catch



- > For locking bar, screw mounted
- > Material: Steel

Finish
zinc-plated

Item No.
237.42.001

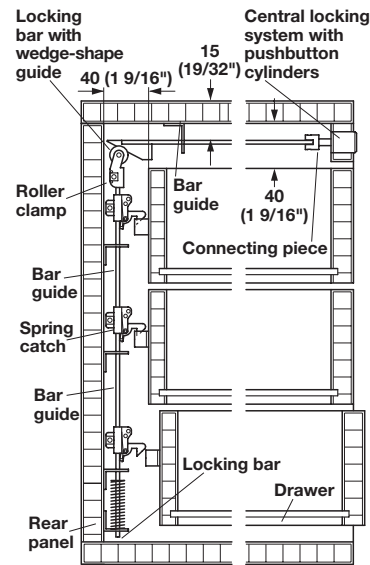
→ Drawer Component



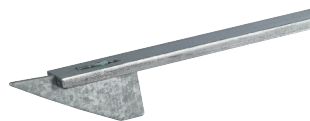
- > For spring catch, screw mounted
- > Material: Steel

Finish
zinc-plated

Item No.
237.42.038



→ Locking Bar



- > With wedge-shape guide
- > Length: 600 mm (23 5/8")
- > Material: Steel, galvanized

Item No.
237.42.207

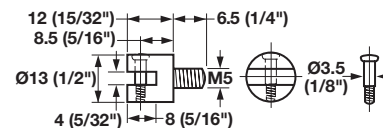
→ Vertical Lock Bar



- > With attached spring and bar guide
- > Length: 600 mm (23 5/8")
- > Material: Steel, galvanized

Item No.
237.42.109

→ Connecting Piece



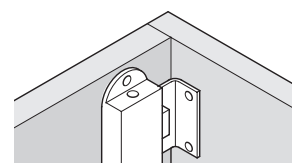
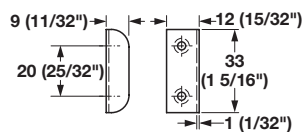
- > For use with push-button locks
- > Material: Brass

Item No.
234.58.997

Deadbolt locks	pages 11.39–11.44
Push button locks	page 11.30
Pan head screws	pages 13.9–13.10

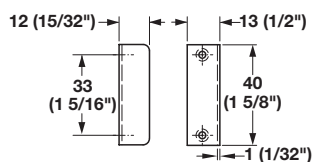
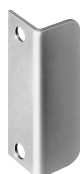
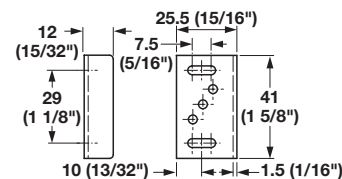
Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Strike Plates



> Material: Steel

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

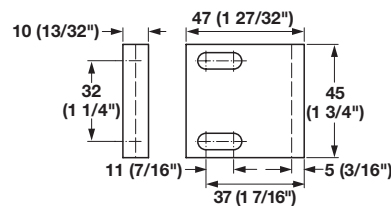
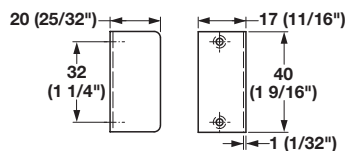


> With adjustment slots
> Material: Steel

Finish	Item No.
nickel-plated	239.47.604

> Material: Steel

Finish	Item No.
nickel-plated	239.41.013

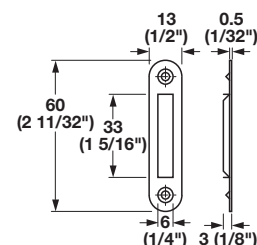
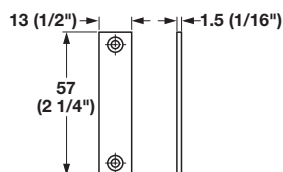


> For series drilled holes with adjustment slots
> Material: Plastic

Color	Item No.
white	239.44.774

> Material: Steel

Finish	Item No.
nickel-plated	239.41.022



> Material: Steel

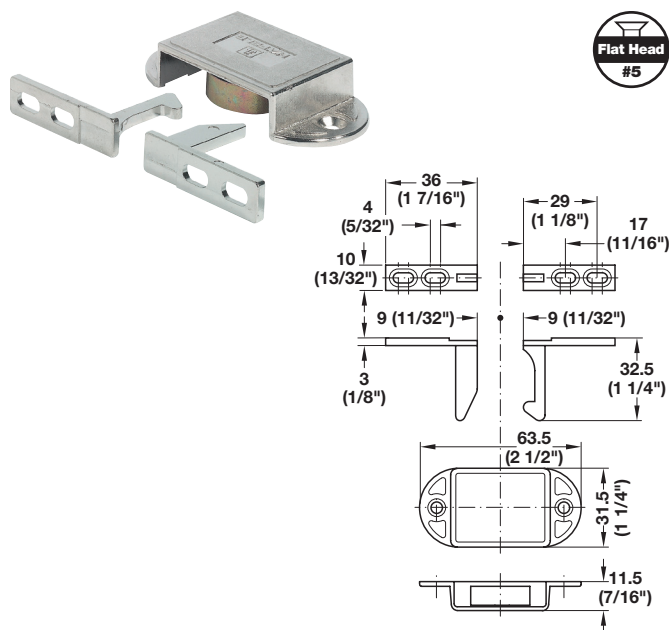
Finish	Item No.
nickel-plated	239.05.704

> Material: Steel

Finish	Item No.
nickel-plated	239.26.703

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Automatic Door Bolt



- > 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
- > 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

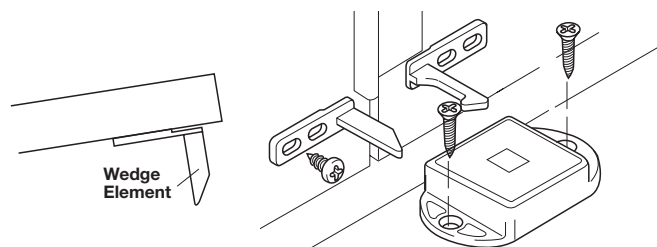
nickel-plated

Item No.

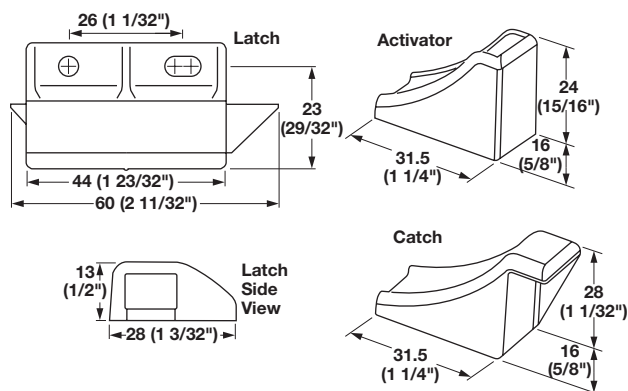
245.58.754

Note

Door width: min. 400 mm (15 3/4")



Double Door Latches



- > 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
- > Eliminates the need for an elbow catch, or other devices, and allows hardware to be installed out of the way
- > Easy to install and use
- > Exceeds pull force over 68 kg (150 lbs.)
- > Material: Plastic

Color

black

Lock Placement

RH top mounted/LH bottom mounted

Item No.

245.58.300

black

LH top mounted/RH bottom mounted

245.58.301

white

RH top mounted/LH bottom mounted

245.58.700

white

LH top mounted/RH bottom mounted

245.58.701

Supplied With

Latch

Activator

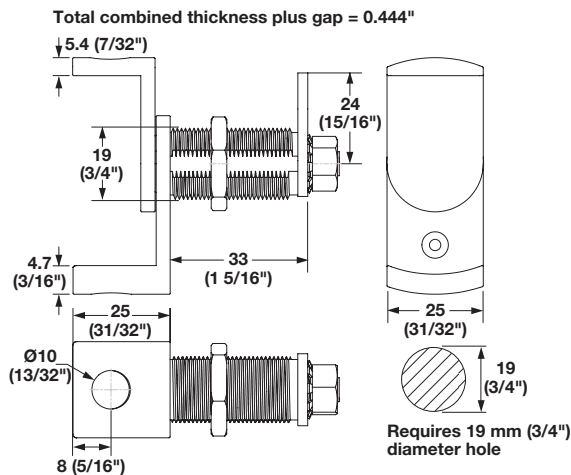
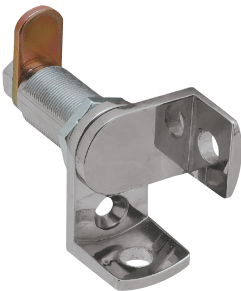
Catch

Mounting instructions

Note

For cabinets height over 1,219 mm (48") it is recommended to use both top and bottom mount latches for locking a pair of doors with one lock, sold separately.

Hasp Cams Locks



- > Durable construction secures wood doors, drawers, or lockers when used with a padlock
- > Attractive plated finish
- > Straight cam length: 24 mm (15/16")
- > Material thickness: max. 28 mm (1 1/8")
- > Screw mounted

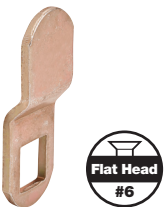
> Material: Plate: Zinc Alloy; Accessories: Steel

Finish	Item No.
tumbled chrome	235.17.200
black	235.17.300
matte nickel	235.17.600

Supplied With

Lock nut
24 mm (15/16") straight cam
Mounting nut

→ Offset Cams



> Material: zinc, yellow

Offset	Item No.
4 (5/32")	219.13.971
6 (1/4")	219.13.972
8 (5/16")	219.13.973

Note

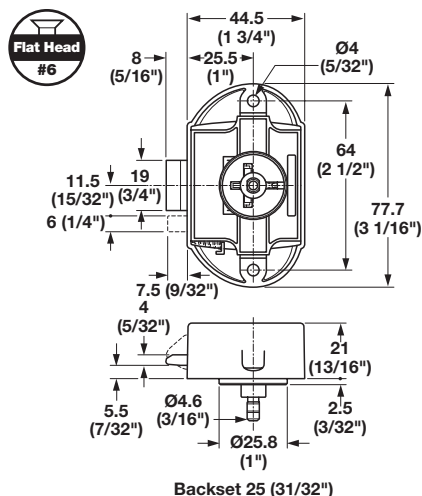
Order separately to replace straight cams.

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Rod, guides, locking bolts	page 11.37
Flat head screws	pages 13.7–13.8, 13.10, 13.13

Push-Button Latches

- > Well suited for the recreation or boating industry
- > Operate by push-button without a key
- > All push-button latches can be used in wet areas
- > When latched there is no protrusion of the knob
- > Featuring a push-button mechanism, used as a deadbolt latch for doors or drawers



- > Screw mounted
- > Material: Plastic

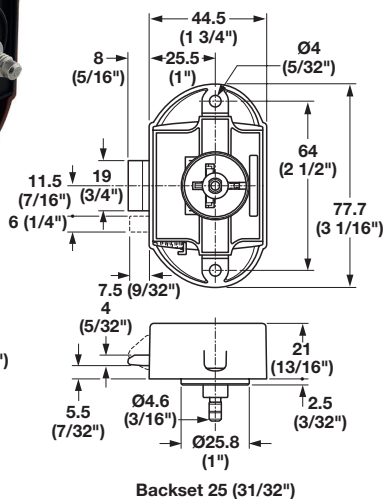
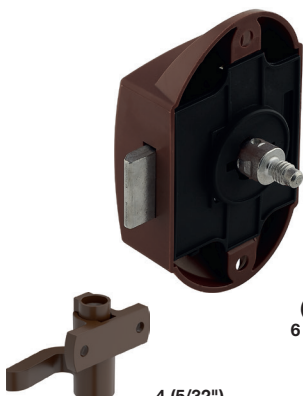
Color	Item No.
nickel-plated matte, lacquered	211.63.642
white	211.63.702
brown	211.63.102

- > Material: Zinc alloy

Finish	Item No.
nickel matte	211.63.622

Note

Order push-button knobs and rosettes separately



- > Profile rod version
- > For profile rod Ø: 6 mm (1/4")
- > Left or right hand application
- > Backset: 25 mm (31/32")
- > Material: Plastic

Color	Item No.
brown	225.22.103

Supplied With

2 Catch hooks

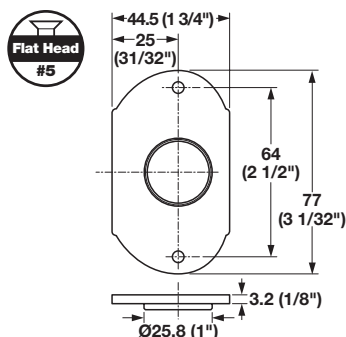
Note

Profile rod come with a pair of color-coordinated catch hooks latch(es)
Shim is used in conjunction with rosette for material:
19 mm (3/4") – see next page
16 mm (5/8") – use 1 pc. shim
13 mm (1/2") – use 2 pcs. stacked together
Order push-button knobs and rosettes separately.

11

Locks

→ Shim

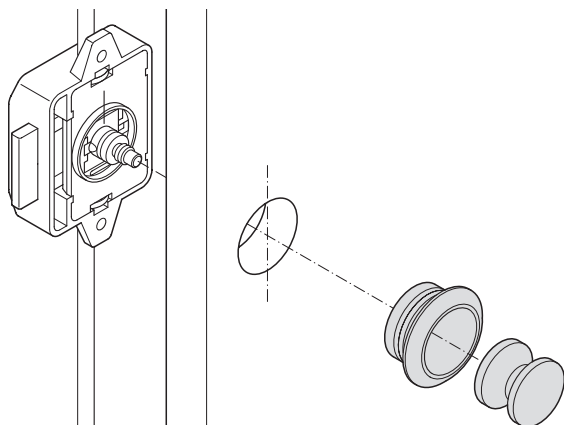


- > Placed between lock and inside of door
- > Eliminates the need for different rosette heights
- > Material: Plastic

Color	Item No.
white	211.60.991

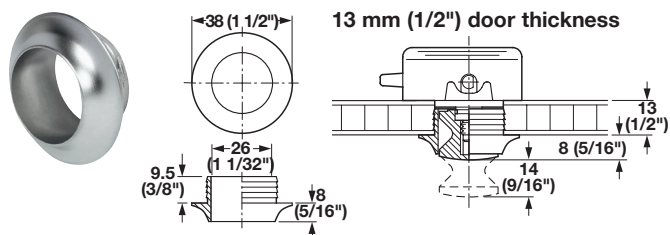
Rod, guides, locking bolts	page 11.37
Flat head screws	pages 13.7–13.8, 13.10, 13.13

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

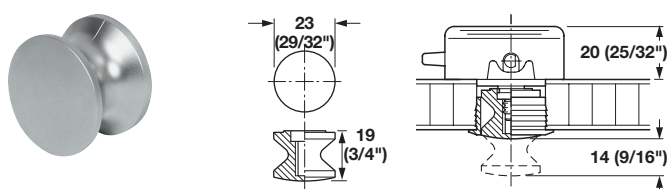
→ Rosettes, round



- > Door thickness: 13, 16 or 19 mm (1/2", 5/8" or 3/4")
- > Drill bit Ø: 25.5 mm (1")
- > Material: Plastic, electro-plated

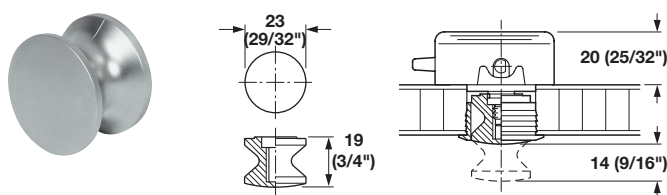
Finish	13 mm (1/2")	16 mm (5/8")	19 mm (3/4")
nickel-plated matte	229.03.608	229.03.617	229.03.626
chrome-plated polished	-	-	229.03.220

→ Push-button Knobs



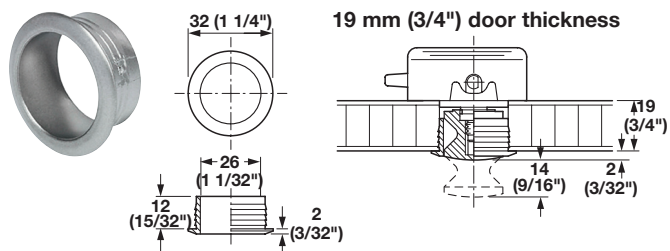
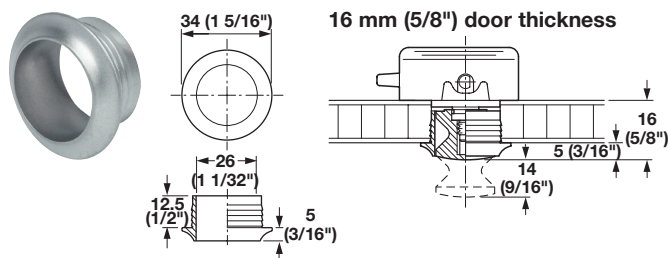
- > Door thickness: 13–19 mm (1/2"–3/4")
- > Material: Brass-plated, lacquered

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



- > Door thickness: 13–19 mm (1/2"–3/4")
- > Material: Plastic, electro-plated

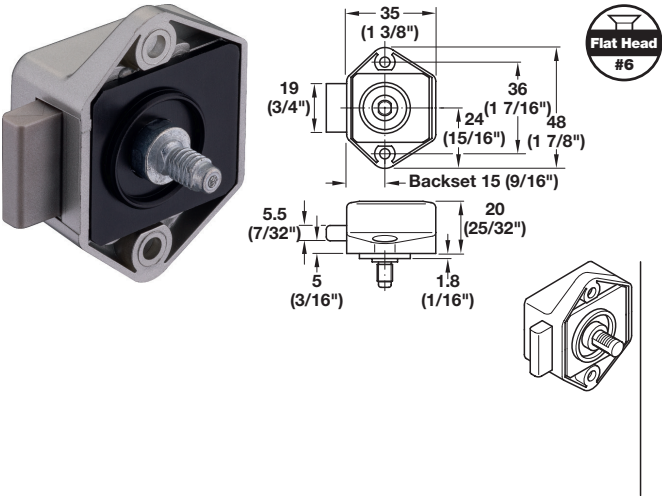
Color	Item No.
nickel-plated matte	229.01.677
brass-plated polished	229.01.873
chrome-plated polished	229.01.270



- > Door thickness: 13, 16 or 19 mm (1/2", 5/8" or 3/4")
- > Drill bit Ø: 25.5 mm (1")
- > 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	-	229.11.220
nickel-plated matte	-	229.11.315	229.11.320
black nickel	-	-	229.11.620

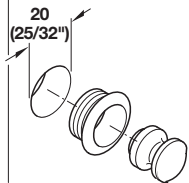
Push Latch



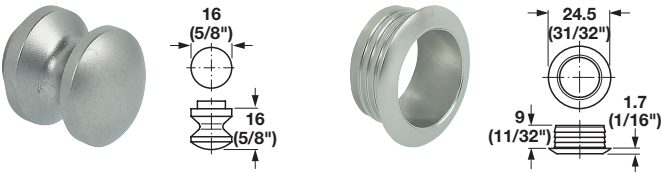
- > Non-handed
- > Backset: 15 mm (19/32")
- > Material: Plastic

Color	Item No.
nickel-plated matte	211.61.604

Note
Order knobs and rosettes separately.



→ Knob and Rosette



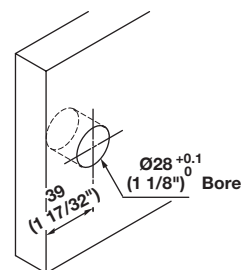
- > Required material thickness: 16 mm (5/8")
- > Material: Plastic; Finish: nickel-plated matte

Item	Item No.
Push-button knob	229.07.606
Rosette	229.09.600

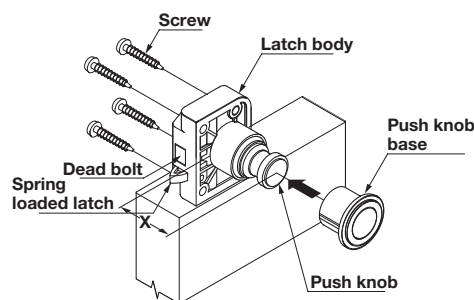
[illegible]

- | Item | Item No. |
|--------------------|------------|
| Marine latch body | 225.96.052 |
| Push knob and base | 225.96.051 |

Order latch body and push knob for complete set.

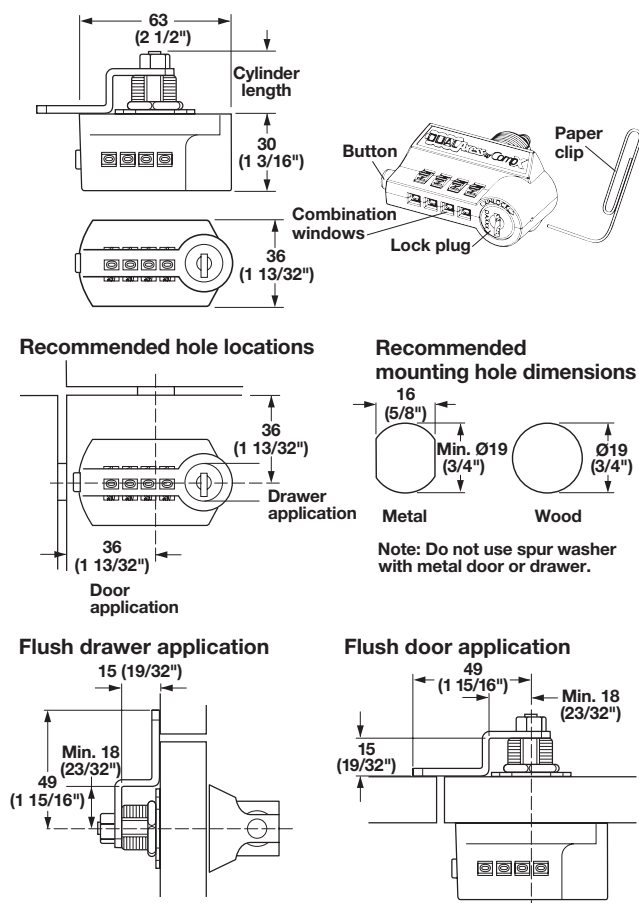


Bore dimensions (Inset door application)



Installation

National Lock



- > 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
- > Replaces standard cam locks to allow keyless access using a personal code
- > Retrofits into an existing hole Ø: 19 mm (3/4")
- > Mounts vertically or horizontally on flush, overlay, or lipped/overlay applications
- > Attach the provided cam for 90° latching in any direction

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.

→ DualAxxess Cam Locks



- > For right, left 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

Technical drawing of the Lock body showing front and side views with dimensions in inches and millimeters.

Front View Dimensions:

- Overall width: 44 (1 23/32")
- Distance from left edge to center of mounting holes: 33 (1 5/16")
- Mounting holes: 4 (5/32") diameter
- Overall height: 24 (15/16")
- Distance from top edge to bottom of mounting holes: 13 to 19 (1/2" to 3/4")
- Bottom flange height: 2.5 (3/32")

Side View Dimensions:

- Overall height: 24 (15/16")
- Top left radius: R12
- Top right radius: R2
- Bottom right radius: R0.5
- Overall length: 63.5 (2 1/2")
- Distance from right edge to center of mounting holes: 6 1/4"
- Distance from right edge to bottom of mounting holes: 4.7 (3/16")

Legend:

- = Cut-out dimensions

- For thin materials such as metal, glass or plastic, see back plate adapter below.

Technical drawing of the 20 Series Switchgear. The perspective view shows a black switchgear unit with a large black handle and three smaller handles. Dimensions are provided for the perspective view: 20 (25/32") for the top width, 72.5 (2 7/8") for the main body width, and 28 (1 1/8") for the bottom width. The cross-sectional views show the internal components and the mounting holes. The Horizontal - Right hand side view shows a circular component with a central hole and two side holes. The Vertical view shows a circular component with a central hole and two side holes. The Horizontal - Left hand side view shows a circular component with a central hole and two side holes.

- | | |
|----------|------------|
| right | 231.16.300 |
| left | 231.16.301 |
| vertical | 231.16.302 |

Straight cam with snap ring for attaching cam
Back plate, 2 Mounting screws, Installation instructions

The technical drawings illustrate the dimensions and configurations for the 1000 Series lock assembly. The main assembly is shown with a black lock body and a brass handle. The dimensions are as follows:

- Vertical Applications:**
 - Overall height: 20 (25/32")
 - Keyhole offset from top: 72.5 (2 7/8")
 - Keyhole diameter: 28 (1 1/8")
 - Keyhole offset from bottom: 28 (1 1/8")
- Horizontal Applications:**
 - Horizontal - Right hand side of panel:** The keyhole is on the right side of the panel.
 - Horizontal - Left hand side of panel:** The keyhole is on the left side of the panel.

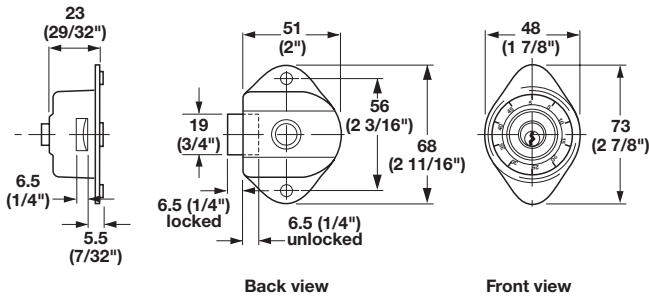
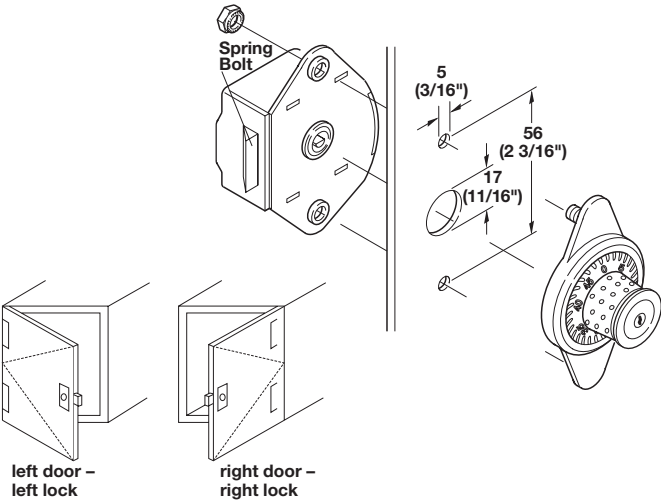
- | | | |
|----------|------------|------------|
| right | 235.63.301 | 231.16.310 |
| left | 235.63.300 | 231.16.311 |
| vertical | - | 231.16.312 |

2 Keys, Straight cam with snap ring for attaching cam
Back plate, 2 Mounting screws, Installation instructions

- | Color | Item No. |
|-------|------------|
| black | 231.16.399 |

- | | |
|--|-----------------|
| | Item No. |
| | 231.16.999 |

Mastercombi Combination Locks



- > Mastercombi combination locks are suitable for safe deposit boxes, wardrobes and lockers
- > The rust-proof steel lock housing is theft-proof and sturdy
- > 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
- > 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 chromated
Housing cover: Stainless Steel, rust-proof
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

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

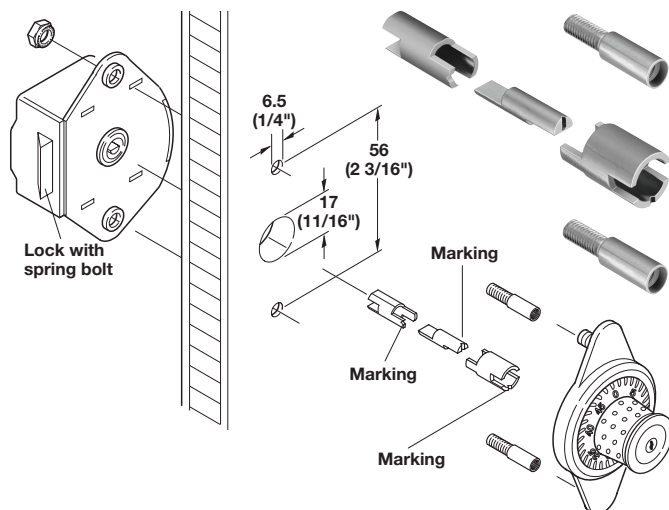
Mastercombi for the installation in metal doors up to 3 mm (1/8") thick.
For wood doors see extension set.

→ Control Key for Mastercombi

> Order separately

Item No.
231.13.091

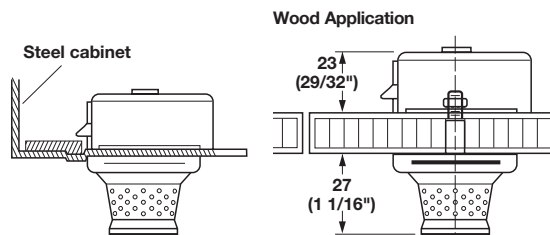
→ Extension Set for Mastercombi



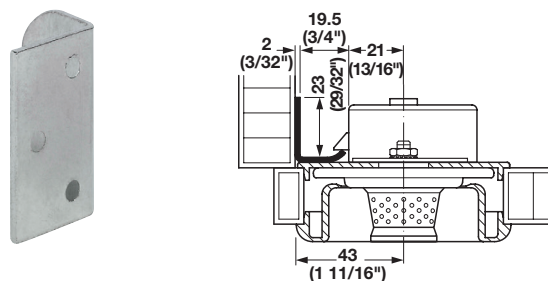
- > Allows for installation in wood door thickness: 17.5–19 mm (11/16"–3/4")
- > Material: Steel, galvanized and chromated

Item No.
231.14.950

Supplied With
Locking pin
Cylinder pin
Driver extension
2 Screw extensions



→ Special Strike Plate



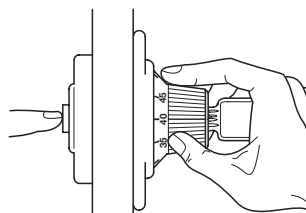
- > For Mastercombi installations in wood doors
- > Material: Steel

Finish

nickel-plated

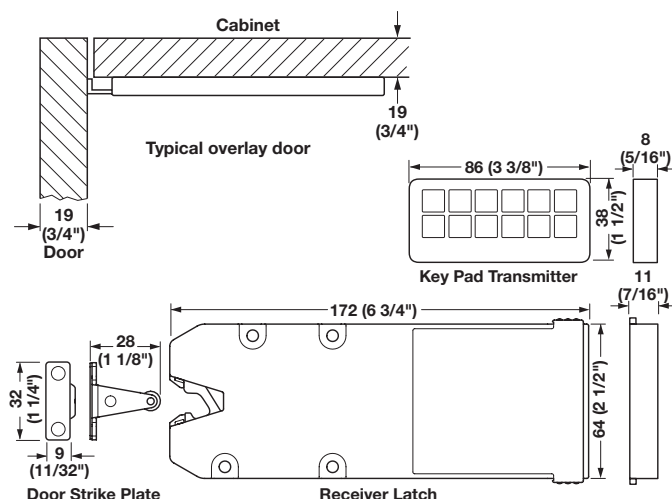
Item No.
231.13.706

Setting a new combination on the Mastercombi

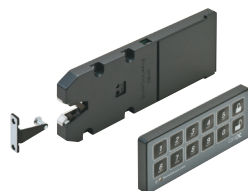


Turn the number dial at least one full turn clockwise, and then set "0" to the red mark. Insert control key and turn 90° clockwise. The spring bolt is now retracted and the door can be opened. Now depress and hold in the spring-loaded button on the rear of the lock housing. At the same time turn the 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.

StealthLock Battery Powered Electronic Locking System



→ RF Cabinet Lock Set



- > Material: Receiver, latch and key pad: Plastic
Door strike plate: Steel;
Color: black

Supplied With Installation tool,
Mounting screws, Instructions

Item No.
237.56.350

→ Power Cords



- > Häfele Lighting 12 V
- > Powers up to 10 locks in daisy chain
- > Material: Plastic

Color	1524 (60")	3048 (120")
black/red/ gray	237.56.385	237.56.386

→ 24 V to 12 V Converter



- > Allows use of 12 V lights and components with a 24 V driver using power cord above
- > Can be connected directly to the driver via the box-to-box connector or using a 24 V extension lead
- > Includes switching function for 6 output ports
- > Built-in overload and short-circuit protection
- > L x W x H: 120 x 50 x 16 mm (4 3/4" x 2" x 5/8")
- > Material/Color: Plastic, black

Input voltage	Output voltage	Item No.
12 V	24 V	237.56.386

Note Make sure the total wattage does not exceed the maximum connected load for the driver.

- > Electrically controls cabinet doors and drawers
- > 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, order separately
- > Low battery indicator on key pad transmitter and lock
- > Meets ANSI/BIFMA 50 lbf. pull strength specifications
- > Slim design mounts in 13 mm (1/2") drawer suspension clearance
- > For left or right hand operation
- > Toggle lock or timed unlock delay

Areas of Application

- > For interior wood, laminate or plastic doors and drawers

Technical Data:

Tensile load limit: 445 N. (100 lbf.)

Environmental: Operating temperature: 10°–49° C (50°–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

StealthLock Versions

Which version is right for you?

Available in two versions, standard or dedicated. StealthLock can be customized to fit many different applications. The standard version allows any transmitter pad to operate any receiver latch and can be used in most general office or residential applications. The dedicated version (factory-programmed) pairs a transmitter pad to a specific receiver latch or latches, using a unique transmitter ID. The dedicated version is ideal for assigned lockers or when users are within proximity to one other on the rare occasion where more than one user has the identical PIN code.

Modes Available – Both Solutions

- > Self-Lock Mode (cycle)
- > Passage/Manual Lock Mode (toggle)
- > Single Use Mode (day use)

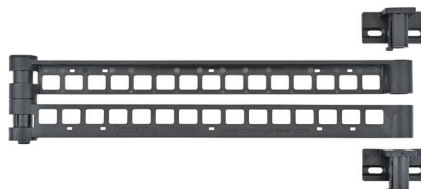
→ RF Cabinet Lock with Strike Plate

- > Material: Receiver and latch: Plastic
Door strike plate: Steel; Color: black

Color	Item No.
gray	237.56.352

Supplied With Mounting screws

→ Low-Voltage Cable Management Arm



- > Material: Plastic

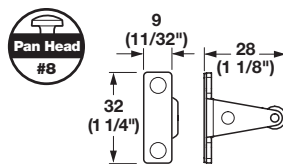
Color	Item No.
black	820.52.872

Supplied With 5 sets

Note See page 11.90 for additional information.

StealthLock

→ Additional Door Strike Plate



> Material: Steel

Color	Item No.
black	237.56.988

→ Additional Installation Tool



> Material: Plastic

Color	Item No.
red	237.56.992

→ Drywall Mounting Plate



> Mounts to a wall or any flat surface
> Material: Aluminum

Finish	Item No.
satin nickel	237.56.974
Supplied With Mounting screws	

→ Battery, Size AAA, 1.5V

Color	Item No.
black/gray	910.54.953

Supplied With
4 pcs.

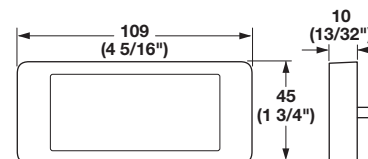
→ Key Pad Transmitter

> Standard version
> Material: Plastic; Color: black

Color	Item No.
black	237.56.170

Supplied With
CR2032 coin battery

→ Key Pad Mounting Plate

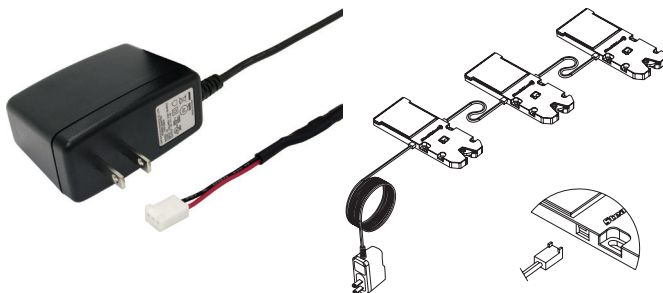


> Material: Aluminum

Color	Item No.
gray	237.56.994

Note
Customized, pre-programmed locking systems available upon request.

→ Power Supply



> Voltage: 7.5VDC
> Amperage: 1.5A
> For use with StealthLock
> Powered solution for StealthLock locking system
> Material: Plastic; Color: black

Length	Item No.
1676 (66'')	237.56.995

Note
Connects receiver latch to 120 VAC power.
One power supply can support/power 10 locks.

→ Battery Power Cord



> For 9V Battery power back up
> Material: Plastic; Color: black/red

Length	Item No.
3048 (120'')	237.56.999

→ Cords



> To daisy chain receiver latches
> Material: Plastic; Color: black/red

Length	Item No.
914 (36'')	237.56.996
1524 (60'')	237.56.997
3048 (120'')	237.56.998

Pan head screws pages 13.9–13.10

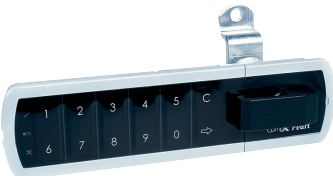
CompX Pearl Keypad Locks



231.97.200/208



231.97.205/213



231.97.202/210



231.97.207/215

- > Features front loaded batteries for access even when locked
- > Recess or surface mounted on cabinet doors or drawers
- > Ultra-thin; the lowest keypad surface height of any electronic keypad lock
- > Features programmable user codes, supervisor code and modes of operation
- > Programming is easy and does not require special keys or tools
- > 40,000 operating cycles or five years of battery life
- > Also available for gang locking multiple drawers
- > 20 codes per lock; 19 user codes and one supervisor code

> Cylinder length: 30 mm (1 3/16")

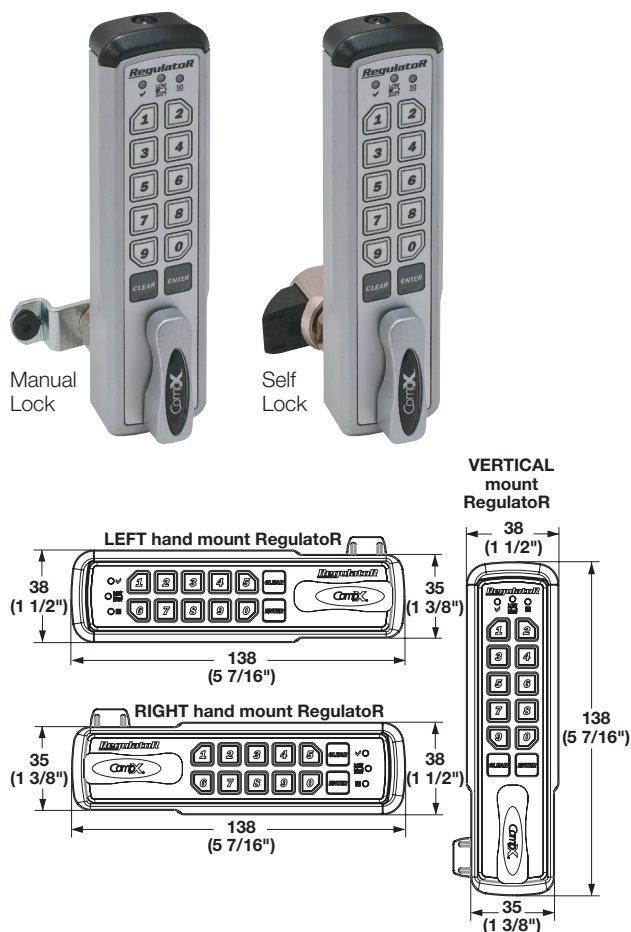
Lock orientation	silver	black
vertical/bottom lever	231.97.200	231.97.204
right hand mount	231.97.201	231.97.205
left hand mount	231.97.202	231.97.206
vertical/top lever	231.97.203	231.97.207

> Cylinder length: 17 mm (11/16")

Lock orientation	silver	black
vertical/bottom lever	231.97.208	231.97.212
right hand mount	231.97.209	231.97.213
left hand mount	231.97.210	231.97.214
vertical/top lever	231.97.211	231.97.215

Regulator® Battery Powered Electronic Locking System

→ Regulator Keypad Locks



- > Cylinder length: 30 mm (1 3/16")
- > Material: Lock body: Aluminum; Finish: gray
Face plate: Plastic; Cam: Steel/Plastic

Lock orientation	Handing	Manual lock	Self-lock
horizontal/lever on left	RH	231.97.003	231.97.103
horizontal/lever on right	LH	231.97.013	231.97.113
vertical/lever on bottom	RH/LH	231.97.053	231.97.153

Supplied with

- 1 Straight cam, 1 Offset cam or 1 SlamCAM
- Jamb nut
- 4 Screws
- Washer
- Mounting Instruction
- 2-AA batteries

Cylinder length	Material thickness max.
11 (7/16")	3 (1/8")
30 (1 3/16")	21 (13/16")
45 (1 3/4")	36 (1 7/16")

Note

Other models available upon request.

- > CompX RegulatorR is a lock used to electrically control cabinet doors, drawers and lockers
- > Depending on the model, the 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

Applications

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

Markets

- > Healthcare
- > Schools/universities
- > Laboratories
- > Office furniture
- > Retail displays

Features - Self-locking

- > Self-locking, featuring SlamCAM
- > Spacers provide additional latching dimensions
- > 50,000 cycles
- > Convenient external battery installation/removal
- > Low battery indicator
- > Easy to clean membrane keypad
- > 19 user codes and 1 supervisor code
- > 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
- > Assigned use mode only

Features - Manual locking

- > 50,000 cycles
- > Convenient external battery installation/removal
- > Low battery indicator
- > Uses existing CompX National cams with FlexaCam
- > Single use mode, or assigned use mode
- > Easy to clean membrane keypad
- > 19 user codes and 1 supervisor code
- > 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

Specifications

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

Areas of Application

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

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

Pin Code Lock, Generation 6



Curve



Aspire

- > Smartphone BLE locking capability via Digilink app
- > Keypad for code entry
- > Advanced security
- > For wood doors
- > With socket for master or programming key
- > Visual or acoustic occupancy indicators with low battery alarm
- > Choice of locking with individually selected code or permanently assigned code
- > Left/right hand use
- > Surface mounted through drilled holes
- > Powered by 4 AA batteries
- > IP55 Rated, FCC, CE, and IC certified
- > ADA Compliant
- > Door thickness: 17.5–21.7 mm (11/16"–7/8")

→ Curve

- > L x W x H: 108 x 54.2 x 25.6 mm (4 1/4" x 2 1/8" x 1")
- > Material: Keypad: Zinc Alloy

Function	Finish	Item No.
Deadbolt-day use	brushed nickel	231.98.412
Deadbolt-day use	matte black	231.98.413
Latchbolt-assigned use	brushed nickel	231.98.414
Latchbolt-assigned use	matte black	231.98.415

Supplied with

Keypad, Lock, 4 AA batteries, Mounting screws, Instructions

Note

At least one programming key is required for initial programming/start-up.

→ Aspire

- > L x W x H: 107.7 x 54.2 x 21.4 mm (4 1/4" x 2 1/8" x 13/16")
- > Material: Keypad: Zinc Alloy

Function	Finish	Item No.
Deadbolt-day use	brushed nickel	231.98.416
Deadbolt-day use	matte black	231.98.417
Latchbolt-assigned use	brushed nickel	231.98.418
Latchbolt-assigned use	matte black	231.98.419

Supplied with

Keypad, Lock, 4 AA batteries, Mounting screws, Instructions

Note

At least one programming key is required for initial programming/start-up.



→ Right Angle Strike Plate

Item No.
231.98.140

→ Keys

- > Compatible with Generation 6 locks



- > Master key
- > Plugs into lock
- > Allows access for forgotten codes or a lost master key
- > For use as an emergency power supply when batteries are low
- > L x W x H: 121 x 36 x 21 mm (4 3/4" x 1 31/32" x 13/16")
- > Material: Plastic

Color	Item No.
black	231.98.803



- > User key
- > Plugs into lock
- > Allows access in place of codes
- > L x W x H: 57 x 19 x 9 mm (2 1/4" x 3/4" x 3/8")
- > Material: Plastic

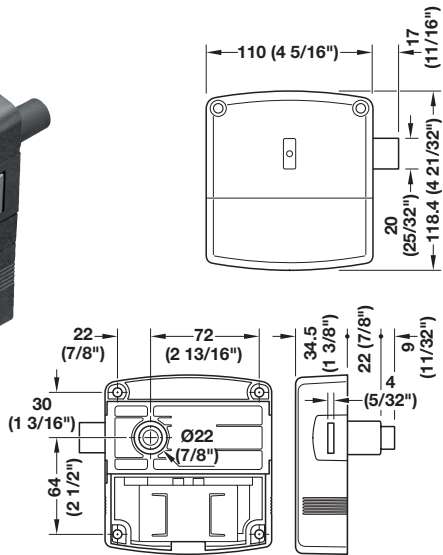
Color	Item No.
blue	231.98.804



- > Programming key
- > Plugs into lock
- > Trains up to 10 master keys
- > Allows access for forgotten codes or a lost master key
- > For use as an emergency power supply when batteries are low
- > L x W x H: 121 x 36 x 21 mm (4 3/4" x 1 31/32" x 13/16")
- > Material: Plastic

Color	Item No.
yellow	231.98.802

LockerLock LL 300



- > Door width: with butting overlay door: min. 140 mm (5 1/2")
with butting inset door: min. 305 mm (12")
(sample measurements and exact dimensions depend upon the hinge)
- > Door thickness: Wood/HPL: 13–19 mm (1/2"–3/4")
Metal: 13–17 mm (1/2"–11/16")
- > Material: Plastic

Color

anthracite

Item No.

231.91.300

- > For use with PK programming key card, PK clearing key card, KT key tag or KB key wristband
- > Can be programmed in Stand-Alone mode with PK programming card and PK clearing key card or with MDU 110 or My Dialock Manager app software

"Free choice of locker" function

- > The "free choice of locker" function can be configured with the My Dialock Manager app or in use with the Dialock software application. For additional information on the "Free choice of locker" function, please contact our Dialock service at hafele.com

"Fixed locker allocation" function

- > One or several optional Dialock keys are allocated to one or several optional lockers for locking and unlocking

Battery change

- > We recommend changing all the batteries when a battery change is required. The maintenance tool is required to open the battery compartment. The type-specific discharge action (considerable voltage drop at the end of the lifetime) of lithium batteries may cause a low battery indication at the terminal for a short period or not at all.

Emergency opening with master key

- > The PK programming key card and PK clearing key card can be used for emergency opening

Area of application

- > Battery-operated, intelligent locker lock for indoor use on wood, HPL or metal doors on lockers or cabinets

Version

- > Factory settings are for right hand doors and can be adapted to left doors. Batteries are theft-proof, magnetic interactions cannot take place, integrated real-time clock for audit trail of all processes, acoustic feedback for unlocking and locking, programming/data transfer with MDU via RFID interface or HDM app

Functionality

- > "Fixed allocation" and "free choice of locker" functions with battery monitor; when the battery change is indicated, the locker can be unlocked, but not re-locked, emergency opening is possible with master key
- > Data transfer with MDU via RFID interface or HDM app

Technical Data

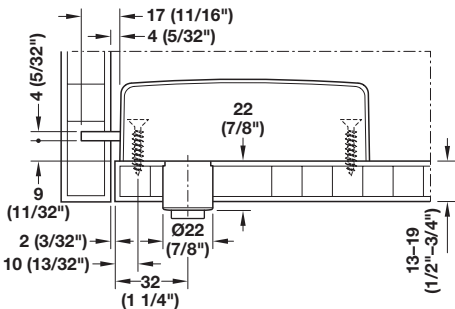
Degree of protection:	IP42
Ambient temperature:	0–55 °C
Relative humidity:	10–95% (not condensed)
Number of possible Dialock keys:	Up to 1,000
Number of audit trail entries:	1,000
Batteries (4 pcs.):	AA 1.5 V type E91
Battery service life:	Approx. 50,000 locking and unlocking actions

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

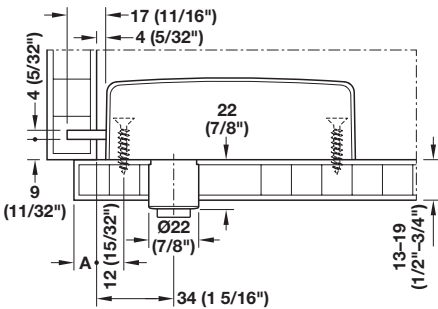
LockerLock LL 300



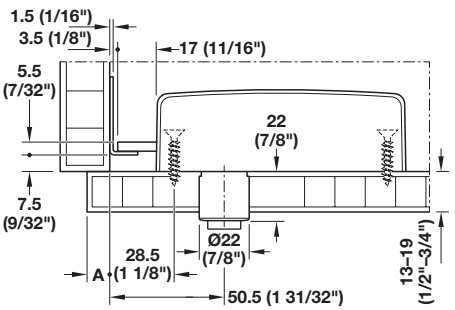
Installation examples



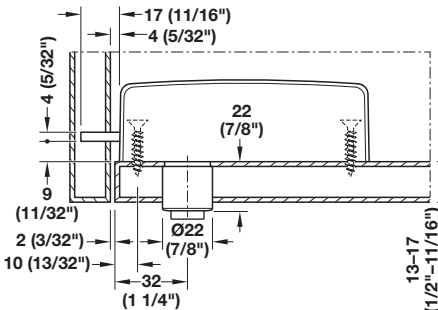
Installation: Wood or HPL butting inset doors



Installation: Wood or HPL overlay doors
(A= door overlay)



Installation: Wood or HPL overlay doors
(A= door overlay)



Installation: Metal butting inset doors metal

11

Locks

→ Battery, 1.5 V AA



- > Alkaline-manganese
- > Operating temperature: -18 to +55 °C

Item No.
910.54.980

→ Maintenance Tool



- > For opening the battery cover of LockerLock LL 300

Item No.
006.28.510

LockerLock LL 200

→ Key Tags



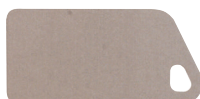
> Programming add

Color	Item No.
green	917.42.003



> Programming delete

Color	Item No.
red	917.42.004



> User key

Color	Item No.
gray	917.44.085

→ Key Wristband



- > Water resistant
- > 3 Dialock® segments
- > Ø: 65 mm x 25 mm (Ø2 9/16" x 31/32")
- > Material: Silicon

Color	Item No.
gray	917.44.295

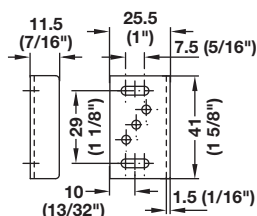
→ Single Sleeves



- > M4 internal thread
- > Drill hole Ø: 8 mm (5/16")
- > External thread Ø: 8.5 mm (11/32")
- > Material: Plastic; Color: natural

Length L	Item No.
8 (5/16")	039.33.140
10 (13/32")	039.33.042

→ Angled Striking Plate



- > Slot for different bolt distances
- > Screw mounted
- > Material: Steel

Finish	Item No.
nickel-plated	239.47.604

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

SOLO 125 Furniture Lock Set



- > Battery-operated
- > Material: Plastic

Color

black

Item No.

231.07.502

Note

- 1 Programming card
- 2 User cards
- 1 CR123A battery
- Mounting screws

- > Intelligent locker lock for indoor use in wardrobes, lockers and cabinets for wood, glass or sliding doors

Functionality:

Standard mode

One or several optional user keys have a fixed allocation to one or several optional lockers for locking and unlocking. The lock remains open for 3 seconds after opening, and locks again automatically.

Wellness mode (free choice of locker) - optional

Any user card can lock an open locker. The user card is assigned to the selected locker, only this user card can unlock the locker. When the locker is unlocked, the assignment is deleted.

Toggle mode (deadbolt lock function) - optional

When an authorized transponder is held in front of the device, the lock unlocks and remains unlocked. When the authorized transponder is presented again, the lock is locked.

Technical Data

Technology:	125 KHz proximity card
Degree of protection:	IP20
Battery:	CR 123 3V
Battery service life:	Approx. 20,000 locking and unlocking processes
Number of possible keys:	49
Operating temperature:	5 °C – +35 °C
Reading range:	Card: max. 20 mm (25/32") Tag: max. 10 mm (13/32")

Note

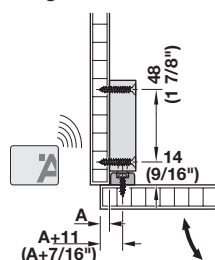
Particularly suitable for furniture with soft and self-closing mechanisms. For drawers and hinged doors with push-to-open function, the locking component must also be installed.

If the battery voltage is too low, the lock no longer locks and a 15 second continuous tone is emitted.

In order to avoid interference between locks, a minimum distance of 10 cm (3 15/16") must be maintained between installed locks and also during storage. If the distance is less than this minimum, continuous communication will take place between the locks, which will drain the battery. To avoid unnecessary battery draining, do not insert the battery until start-up.

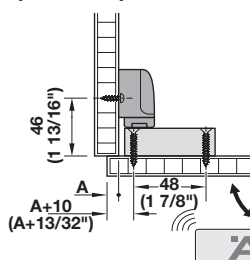
Installation

Hinged door



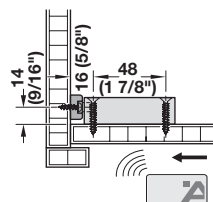
In order to open, the transponder card must be held against the side of the cabinet.

Hinged door with push-to-open function



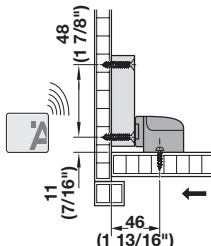
In order to unlock, the transponder card must be held against the hinged door.

Sliding door

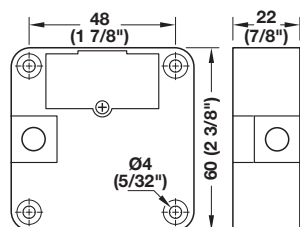


In order to unlock, the transponder card must be held against the sliding door.

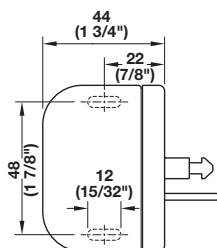
Cabinet



In order to open, the transponder card must be held against the side of the cabinet.

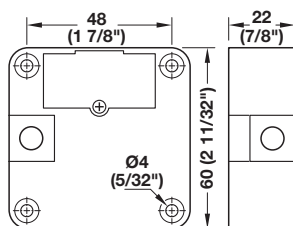


Furniture Lock



Locking Component

EFL 50 Lock



Furniture Lock

- > Battery-operated
- > Material: Plastic

Finish

black

Item No.

231.07.400

- > Intelligent locker lock for indoor use in wardrobes, lockers and cabinets for wood, glass or sliding doors

Functionality:

Standard mode

One or several optional user keys have a fixed allocation to one or several optional lockers for locking and unlocking. The lock remains open for 3 seconds after opening, and locks again automatically.

Wellness mode (free choice of locker)

Any user card can lock an open locker. The user card is assigned to the selected locker, only this user card can unlock the locker. When the locker is unlocked, the assignment is deleted.

Toggle mode (deadbolt lock function)

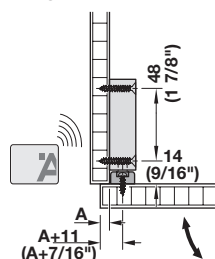
When an authorized transponder is held in front of the device, the lock unlocks and remains unlocked. When the authorized transponder is presented again, the lock is locked.

Technical Data

Technology:	Mifare Classic
Degree of protection:	IP20
Battery:	CR 123 3V
Battery service life:	Approx. 20,000 locking and unlocking processes
Number of possible keys:	49
Operating temperature:	5 °C – +35 °C
Reading range:	Card: max. 20 mm (25/32") Tag: max. 10 mm (13/32")

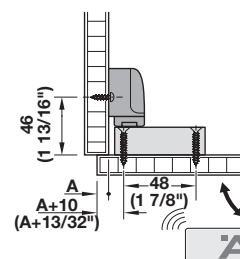
Installation

Hinged door



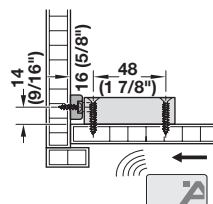
In order to open, the transponder card must be held against the side of the cabinet.

Hinged Door with push-to-open function

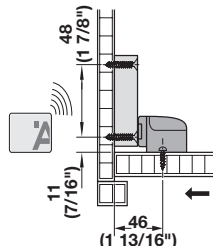


In order to unlock, the transponder card must be held against the hinged door.

Sliding Door



In order to unlock, the transponder card must be held against the sliding door.



In order to open, the transponder card must be held against the side of the cabinet.

Note

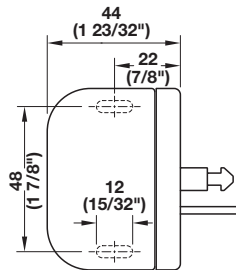
Particularly suitable for furniture with soft and self-closing mechanisms. For drawers and hinged doors with push-to-open functions, the locking component must also be installed.

If the battery voltage is too low, the lock no longer locks and a 15 second continuous tone is emitted.

In order to avoid interference between locks, a minimum distance of 100 mm (3 15/16") must be maintained between installed locks and also during storage. If the distance is less than this minimum, continuous communication will take place between the locks, which will drain the battery. To avoid unnecessary battery draining, do not insert the battery until start-up.

EFL 50

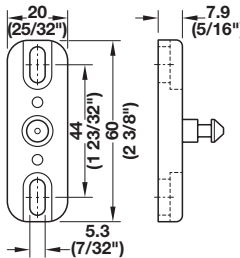
→ Locking Component with Push-to-Open Function



- > For EFL 50
- > 3-dimensional adjustment with an elegant design
- > 90° installation facility, for use on both hinged doors and drawers
- > The integrated ejector (push-to-open function) with spring force of 5.4 N opens the door automatically as soon it is unlocked; hinges with a hold-closed function are not suitable for this combination
- > The locking bolt is floating, which can compensate for tolerances of +/- 3 mm (1/8")
- > The integrated pre-determined breaking point of 35 kg (77 lbs.) protects furniture in the event of forced opening
- > Not suitable for constructions with soft and self-closing mechanisms
- > Material: Plastic

Color	Item No.
black	231.07.411

→ Locking Component



- > For EFL 50/EFL 51
- > The striking plate has a pre-determined breaking point which breaks at about 35 kg (77 lbs.)
- > The locking bolt is floating, which can compensate for tolerances of +/- 3 mm (1/8")
- > Suitable for constructions with soft and self-closing mechanisms
- > Material: Plastic

Color	Item No.
black	231.07.410

→ KT Key Tag, Mifare Classic



Technical Data
Operating temperature: -35 °C – +50 °C (-95° F – +122° F)
Data storage: min. 10 years

- > For EFL 50
- > 4 independent locking authorizations per key tag possible
- > Reader range material thickness: max. 12 mm (15/32")
- > Water resistant
- > Material: Plastic

Color	Item No.
black	917.64.093
blue	917.64.098
red	917.64.099

Mycube



- > High-gloss designer finishes
- > Reinforced steel walls with tamper-proof door bolts

→ Mycube Classic



- > With digital keypad
- > Removable interior shelf with soft interior bottom and automatic interior light
- > Powered by 4 AA batteries
- > Exterior H x W x D: 305 x 495 x 343 mm (12" x 19 1/2" x 13 1/2")
- > Interior H x W x D: 254 x 482 x 260 mm (10" x 19" x 10 1/4")
- > Material: Steel

Finish	Item No.
white	836.00.702
black	836.00.302
silver	836.00.902

→ Mycube Mini



- > With digital keypad
- > Removable interior shelf with soft interior bottom and automatic interior light
- > Powered by 4 AA batteries
- > Exterior H x W x D: 229 x 419 x 343 mm (9" x 16 1/2" x 13 1/2")
- > Interior H x W x D: 215 x 406 x 260 mm (8 1/2" x 16" x 10 1/4")
- > Material: Steel

Finish	Item No.
white	836.00.741
black	836.00.341
robin's egg blue	836.00.841

→ Mycube Touch



- > With biometric fingerprint and touchscreen keypad
- > Removable interior shelf with soft bottom and automatic light
- > Powered by 4 AA batteries
- > Exterior H x W x D: 305 x 495 x 343 mm (12" x 19 1/2" x 13 1/2")
- > Interior H x W x D: 254 x 482 x 260 mm (10" x 19" x 10 1/4")
- > Material: Steel

Finish	Item No.
white	836.00.752
black	836.00.352
midnight blue	836.00.852

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Mycube



- > High-gloss designer finishes
- > Reinforced steel walls with tamper-proof door bolts

→ Mycube Touch Mini



- > With Biometric fingerprint and touchscreen keypad
- > Removable interior shelf with soft interior bottom and automatic interior light
- > Powered by 4 AA batteries
- > Exterior H x W x D: 229 x 419 x 343 mm (9" x 16 1/2" x 13 1/2")
- > Interior H x W x D: 215 x 406 x 260 mm (8 1/2" x 16" x 10 1/4")
- > Material: Steel

Finish	Item No.
white	836.00.731
black	836.00.331
café au lait	836.00.231

→ Mycube In-Drawer



- > With Biometric fingerprint and touchscreen keypad
- > Removable interior shelf with soft interior bottom and automatic interior light
- > Powered by 4 AA batteries
- > Exterior H x W x D: 138 x 394 x 298 mm (5 1/2" x 15 1/2" x 11 3/4")
- > Interior H x W x D: 114 x 381 x 279 mm (4 1/2" x 15" x 11")
- > Material: Steel

Finish	Item No.
white	836.00.710
black	836.00.310

→ Mycube Fire Safe



- > With Biometric fingerprint and touchscreen keypad
- > Removable interior shelf with soft interior bottom and automatic interior light
- > Powered by 4 AA batteries
- > Exterior H x W x D: 317.5 x 396 x 366 mm (12 1/2" x 15 5/8" x 14 3/8")
- > Interior H x W x D: 216 x 310 x 216 mm (8 1/2" x 12 3/16" x 8 1/2")
- > Material: Steel, galvanized

Finish	Item No.
white	836.00.374
black	836.00.324

Mycube



- > Drawer box safe with built-in slides
- > Drawer face is customer supplied
- > Biometric fingerprint and touchscreen keypad
- > Password 4-6 digits
- > Allows for 10 passwords and/or 40 fingerprints



→ Drawer Safe 18

- > H x W x D: 454 x 330 x 150 mm (17 7/8" x 13" x 6")
- > Material: Steel; Finish: Exterior: black; Interior: gray

Item No.
836.00.311

Supplied With
Spare keys
USB power cable
User manual included

Note
Batteries are not supplied.



→ Drawer Safe 24

- > H x W x D: 606 x 330 x 150 mm (23 7/8" x 13" x 6")
- > Material: Steel; Finish: Exterior: black; Interior: gray

Item No.
836.00.312

Supplied With
Spare keys
USB power cable
User manual included

Note
Batteries are not supplied.

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Mycube

→ Mycube Max



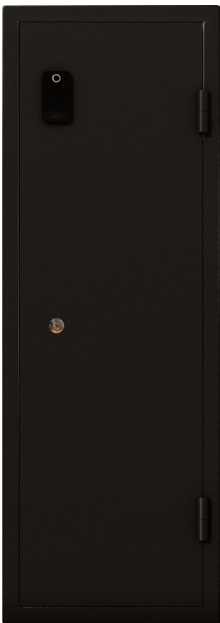
- > Maximum security in our most spacious safe
- > Auto-locking door with biometric fingerprint security
- > An adjustable shelving system and an internal lockbox keep everything ultra-organized and secure
- > Supplied with two removable shelves, accommodates six shelves
- > Exterior H x W x D: 1,448 x 400 x 311 mm (57" x 15 3/4" x 12 1/4")
- > Interior H x W x D: 1,219 x 394 x 229 mm (48" x 15 1/2" x 9")
- > Weight: 45 kg (100 lb)
- > Material: Rolled Steel, 1/8"

Finish	Item No.
white	836.00.330
black	836.00.706

Supplied With

Installation kit with bolts for securing to your choice of surface
Two adjustable shelves
Power cord (12") and rechargeable battery
Removable foam firearm holder
Manual backup key

→ Mycube Fire Max



- > Industrial strength and security
- > Our largest and most heavy-duty fire-rated safe
- > With steel walls, plated steel door, 12 tamper-proof bolts, autolocking door and 1 hour of fire protection up to 1700° F
- > Supplied with two removable shelves and one half shelf, accommodates twelve shelves
- > Exterior H x W x D: 1,448 x 508 x 394 mm (57" x 20" x 15 1/2")
- > Interior H x W x D: 1,408 x 445 x 267 mm (55 1/2" x 17 1/2" x 10 1/2")
- > Weight: 493 kg (205 lb)
- > Material: Steel, 11-gauge

Finish	Item No.
white	836.00.707
black	836.00.708

Supplied With

Installation kit with bolts for securing to your choice of surface
Two adjustable shelves and one half shelf
Power cord (12") and rechargeable battery
Half rifle holster
Manual backup key

Mycube



- > High-gloss designer finish
- > Reinforced steel walls and tamper-proof door bolts
- > Biometric fingerprint and touchscreen keypad
- > Removable interior shelf with soft interior bottom pad and automatic interior light
- > Powered by 4 AA batteries
- > Exterior H x W x D: 457 x 495 x 342 mm (18" x 19 1/2" x 13 1/2")
- > Interior H x W x D: 394 x 483 x 260 mm (15 1/2" x 19" x 10 1/4")
- > Weight: 22.6 kg (50 lb)
- > Material: Steel

→ Mycube Plus



Finish	Item No.
white	836.00.356
black	836.00.355

→ Mycube Grand



- > With biometric fingerprint and touchscreen keypad
- > Removable interior shelf with soft bottom and automatic interior light
- > Powered by 4 AA batteries
- > Exterior H x W x D: 610 x 495 x 343 mm (24" x 19 1/2" x 13 1/2")
- > Interior H x W x D: 604 x 482 x 260 mm (23.8" x 19" x 10.4")
- > Weight: 27 kg (60 lb)
- > Material: Steel

Finish	Item No.
white	836.00.354
black	836.00.353
café au lait	836.00.357
midnight blue	836.00.358



Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

PAGE RESERVED FOR
NEW PRODUCT

Mycube Accessories



→ Fireproof Bags



- > Large
- > Double-layered silicone-coated fiberglass
- > Fireproof up to UL94 standards
- > Waterproof to IP66 standards
- > Waterproof zippers
- > H x W x D: 264 x 361 x 61 mm (10 13/32" x 14 7/32" x 2 13/32")
- > Material: Fiberglass

Finish	Item No.
black	836.00.373
silver	836.00.973



- > Small
- > Double-layered silicone-coated fiberglass
- > Fireproof up to UL94 standards
- > Waterproof to IP66 standards
- > Waterproof zippers
- > H x W x D: 211 x 279 x 61 mm (8 5/16" x 11" x 2 13/32")
- > Material: Fiberglass

Finish	Item No.
black	836.00.370
silver	836.00.970

→ Mycube Safe Trays



- > Seven sections
- > Provides stackable organization
- > H x W x D: 35 x 222 x 273 mm (1 3/8" x 8 3/4" x 10 3/4")
- > Material: Microsuede

Finish	Item No.
black	836.00.381
beige	836.00.281



- > Single compartment
- > Provides stackable organization
- > H x W x D: 38 x 241 x 279 mm (1 1/2" x 9 1/2" x 11")
- > Material: Microsuede

Finish	Item No.
black	836.00.392
beige	836.00.292

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Mycube Accessories



→ Watch Winder



- > Equipped with a variety of preset movements to keep perfect time, the Mycube Watch Winder is essential for keeping your favorite timepieces in top shape
- > With space for two watches, it fits comfortably in a Mycube Plus, Mycube Max, or Mycube Fire Max
- > The Watch Winder can be placed on a shelf, highlighting the beautiful dark or white-treated wood finish
- > Operates with either the supplied power cord or two D batteries, not supplied
- > H x W x D: 195 x 178 x 178 (7 5/8" x 7" x 7")
- > Weight: 1.45 kg (3.2 lb)

Finish	Item No.
white	836.00.700
black	836.00.300

Supplied With
Power cord

→ Mycube Case



- > The Mycube Case can be secured to any fixed surface with a cable lock allowing for flexible safekeeping
- > Equipped with biometric fingerprint technology and a spring-hinge door that pops up automatically upon opening for immediate and silent access
- > Exterior H x W x D: 89 x 387 x 178 mm (3 1/2" x 15 1/4" x 7")
- > Interior H x W x D: 76 x 349 x 178 mm (3" x 13 3/4" x 7")
- > Weight: 6.8 kg (15 lb)
- > Material: Steel

Finish	Item No.
white	836.00.703
black	836.00.704

Supplied With
Operating manual
Installation kit with bolts for stability and a cable lock

3 Steps to the Product Selection

The following three steps will assist in choosing the correct product.

Step 1

- > Decide whether mains or battery operation is required
- > The advantages and areas of application of the respective operating modes can be found in the diagrams below
- > Once you have determined the operation mode, please select the model in step 1 by determining wood or glass doors, area of application and design requirements; this will direct you to the suitable model

Go to step 2 via the relevant page. You will find this in the colored bar next to the text "continue to step 2 on page **11.93**."

Step 2

- > Reference is made to the individual products that need to be ordered to produce the required furniture locking system. This configuration will cover all standard applications.
- > If additional questions arise, your Häfele sales representative will provide assistance.

Step 3

- > In the third step you can choose the way in which you wish to program the furniture lock.
- > The following systems are available: Stand alone with key card system for approximately 20 furniture locks
Software for larger projects for managing on a PC
- > A detailed overview and all of the relevant information that will make your choice easier can be found on pages **11.84–11.85**.

→ Mains Operated

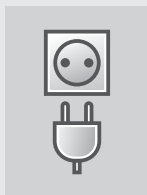
Usage area

- > Wood or glass hinged doors
- > Lockers and safe deposit boxes
- > Lift-up fittings
- > Wood or glass sliding doors
- > Tambour doors
- > Drawers

Advantages of mains operation

- > No service interval for battery replacement
- > Optional extensions and online connection

Continue to step 1, page **11.84**.



→ Battery Operated

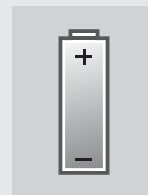
Area of application

- > Lockers and safe deposit boxes

Advantages of battery operation

- > Cable to socket is not required for operation
- > Low-cost variant
- > Easy to install

Continue to step 1, page **11.84**.



Step 1

- > Select product model
- > Furniture locks mains or battery-operated
- > Type of door/area of application
- > Security requirements
- > Functions/features

Mains operation			
			
EFL 3	EFL 3C	EFL 6	
			
Proceed to step 2 on page 11.93		page 11.89	page 11.94
Type of door/area of application			
Hinged door, wood	✓	✓	✓
Hinged door, glass	✓		
Changing lockers, wood door thickness: max. 19 mm (3/4")	✓	✓	
Safe deposit boxes, wood door thickness: max. 19 mm (3/4")		✓	
Flap, wood front	✓	✓	
Sliding doors, wood door	✓	✓	
Sliding doors, glass door			
Tambour doors, wood slats	✓	✓	
Drawer, wood drawer sides	✓	✓	
PO box system, locker system, distribution system	✓		
Wallpapered door in stores	✓	✓	
Security requirements			
Standard requirements, see table below	✓		✓
Increased security requirements, see table below		✓	
Drawer with push-to-open function			
Drawer with soft closing/self-closing mechanism	✓	✓	
External product connection via relay	✓		
Functions/features			
Alarm system with feedback contact A macro is required in order to use the feedback contact		✓	
Macros for individual configuration	✓	✓	✓

11

Locks

What are the security requirements for the furniture lock?

→ Standard Requirements

For use in areas that are not accessible to the public and where acoustic or optical alarm as feedback is not required.

Mains operation

- > EFL 3
- > EFL 6
- > EFL 41

Battery-operated

- > LL 300
- > EFL 50
- > EFL 30

→ Increased security requirements

For use in areas that are accessible to the public and where acoustic or optical alarm as feedback is required/not required (optional).

Mains operation

- > EFL 3C

Battery-operated

- > LL 300
- > EFL 30C

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

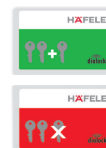
Step 1

	Battery-operated
	
EFL 41	LL 300
	
page 11.96	page 11.71
	✓
	✓
✓	
✓	✓
	✓
✓	
✓	✓

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Ordering Product Components

Required number of furniture locks EFL 3/EFL 3C*	Connection cable, cable length 3 m (118") CC 200	Multi-lock adapter		Power supply unit	Furniture terminal FT 200	Antenna**, cable length 3 m (118") FAN 200
		MLA 6P	MLA 8			
						
237.59.000/001 page 11.89	237.59.022 page 11.90	237.59.032 page 11.100	237.59.030 page 11.102	237.58.149 page 11.104	237.59.010 page 11.98	237.59.061 page 11.99



Continue to
step 3

Page 11.107

Programming
and user keys

Keyed alike hinged doors, lift-up fittings, sliding doors, drawers and tambour doors

1-4	1-4	-	-	1	1	1
5-9	5-9	1	-	1	1	1
10-14	10-14	2	-	1	1	1
15-20	15-20	-	2	2	1	1
21-28	21-28	-	3	2	1	1
29-36	29-36	-	4	3	1	1
37-44	37-44	-	5	3	1	1
45-52	45-52	-	6	4	1	1
53-60	53-60	-	7	4	1	1
61-68	61-68	-	8	5	1	1
69-76	69-76	-	9	5	1	1
77-84	77-84	-	10	6	1	1
85-92	85-92	-	11	6	1	1
93-100	93-100	-	12	7	1	1
101-108	101-108	-	13	7	1	1
109-116	109-116	-	14	8	1	1
117-124	117-124	-	15	8	1	1
125-132	125-132	-	16	9	1	1

Keyed different hinged doors, lift-up fittings, sliding doors, drawers and tambour doors

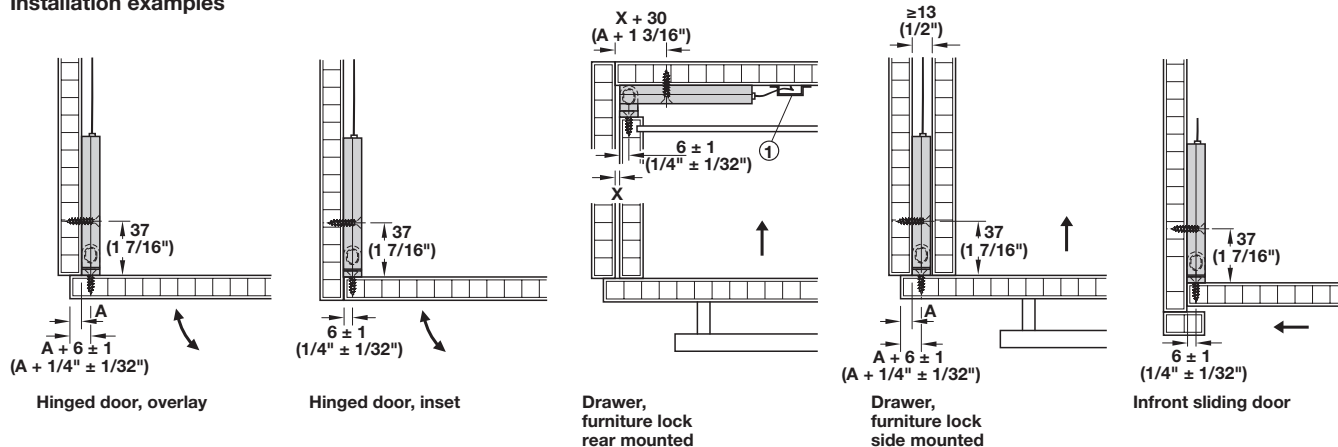
2-4	2-4	-	-	1	1	1
5-12	5-12	-	1	1	1	1

For combination of keyed alike and keyed different hinged doors, lift-up fittings, sliding doors, drawers and tambour doors, see next page.

*EFL 3 output ports that are not occupied by an MLA 6P can be used keyed alike and also keyed different.

**FAN 200: A second antenna can be connected to a FT 200 (optional).

Installation examples



Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Ordering examples for a combination of keyed alike and keyed different for hinged doors

Look for the smallest value in the table next to "gs" or "vs". The values in the table are maximum values and may not be exceeded. Undershooting is possible. The quantities reduce accordingly with the CC 200 and with the number of furniture terminal and multilock adapter/distributor output ports for keyed alike and keyed different locks.
gs = keyed alike; vs = keyed different; The quantity of CC 200 connection cables corresponds to the quantity of EFL 3/EFL 3C.

→ Example 1 – small furniture item

> 3 doors keyed alike "gs"

> 1 door keyed different "vs"

Step 1: Look for your required quantity "vs"

Step 2: Check whether "gs" corresponds to at least your required quantity here. If yes, go to step 3, and if no, search for the next line with the required number of "vs"

Step 3: Required order quantities

Step 4: Pin configuration for furniture terminal and multi-lock adapter/distributor output ports for keyed alike and keyed different locks

Step 1		Step 2		Step 3					Step 4					
Required number of furniture locks		Connection cable, cable length 3 m (118")		Multi-lock adapter		Power supply unit	Furniture terminal	Antenna, cable length 3 m (118")	Pin configuration for furniture terminal and multi-lock adapter/distributor output ports for keyed alike and keyed different locks					
EFL 3/EFL 3C		CC 200		MLA 6P	MLA 8	PS 4	FT 200	FAN 200	FT 200		MLA 6P		MLA 8	
gs	vs								gs	vs	gs	vs	gs	vs

FT 200

4	0	4	–	–	1	1	1*	4	0	–	–	–	–
3	1	4	–	–	1	1	1*	3	1	–	–	–	–
2	2	4	–	–	1	1	1*	2	2	–	–	–	–
1	3	4	–	–	1	1	1*	1	3	–	–	–	–

Example 1.1

> 2 doors keyed alike "gs"

> 1 door keyed different "vs"

Since 2 locks are "gs", the same selection can be used. "gs" = 3 is the max. number. Less is possible, but not more. CC 200 reduces to 3 units.

→ Example 2 – large furniture item

11 doors keyed alike "gs"

6 doors keyed different "vs"

Step 1		Step 2		Step 3					Step 4					
Required number of furniture locks		Connection cable, cable length 3 m (118")		Multi-lock adapter		Power supply unit	Furniture terminal	Antenna, cable length 3 m (118")	Pin configuration for furniture terminal and multilock adapter/distributor output ports for keyed alike and keyed different locks					
EFL 3/EFL 3C		CC 200		MLA 6P	MLA 8	PS 4	FT 200	FAN 200	FT 200		MLA 6P		MLA 8	
gs	vs								gs	vs	gs	vs	gs	vs

FT 200 in combination with 1 x MLA 6P and 1 x MLA 8

17	0	17	1	1	2	1	1*	3	0	6	0	8	0
16	1	17	1	1	2	1	1*	2	1	6	0	8	0
15	2	17	1	1	2	1	1*	1	2	6	0	8	0
14	3	17	1	1	2	1	1*	0	3	6	0	8	0
13	4	17	1	1	2	1	1*	0	3	6	0	7	1
12	5	17	1	1	2	1	1*	0	3	6	0	6	2
11	6	17	1	1	2	1	1*	3	0	6	0	2	6
10	7	17	1	1	2	1	1*	3	0	6	0	1	7
9	8	17	1	1	2	1	1*	3	0	6	0	0	8
8	9	17	1	1	2	1	1*	2	1	6	0	0	8
7	10	17	1	1	2	1	1*	1	2	6	0	0	8

→ Example 2.1 – large furniture item

> 8 doors keyed alike "gs"

> 6 doors keyed different "vs"

Since 8 locks are "gs", the same selection can be used. "gs" = 11 is the max. number. Less is possible, but not more. CC 200 reduces to 14 units.

gs = keyed alike; vs = keyed different

* A second FAN 200 antenna can be used (optional)

EFL 3/EFL 3C

Combination of keyed alike and keyed different for hinged doors, lift-up fittings, sliding doors, drawers and tambour doors.

Step 1		Step 2	Step 3					Step 4					
Required number of furniture locks		Connection cable, cable length 3 m (118")	Multi-lock adapter		Power supply unit	Furniture terminal	Antenna, cable length 3 m (118")	Pin configuration for furniture terminal and multi-lock adapter output ports for keyed alike and keyed different locks					
EFL 3/EFL 3C		CC 200	MLA 6P	MLA 8	PS 4	FT 200	FAN 200	FT 200	MLA 6P		MLA 8		
gs	vs							gs	vs	gs	vs	gs	vs

FT 200

4	0	4	–	–	1	1	1*	4	0	–	–	–	–
3	1	4	–	–	1	1	1*	3	1	–	–	–	–
2	2	4	–	–	1	1	1*	2	2	–	–	–	–
1	3	4	–	–	1	1	1*	1	3	–	–	–	–
0	4	4	–	–	1	1	1*	0	4	–	–	–	–

FT 200 in combination with 1 x MLA 6P

9	0	9	1	–	1	1	1*	3	0	6	0	–	–
8	1	9	1	–	1	1	1*	2	1	6	0	–	–
7	2	9	1	–	1	1	1*	1	2	6	0	–	–
6	3	9	1	–	1	1	1*	0	3	6	0	–	–

FT 200 in combination with 1 x MLA 8

12	0	12	–	1	1	1	1*	4	0	–	–	8	0
11	1	12	–	1	1	1	1*	3	1	–	–	8	0
10	2	12	–	1	1	1	1*	2	2	–	–	8	0
9	3	12	–	1	1	1	1*	1	3	–	–	8	0
8	4	12	–	1	1	1	1*	0	4	–	–	8	0
7	5	12	–	1	1	1	1*	4	0	–	–	3	5
6	6	12	–	1	1	1	1*	4	0	–	–	2	8
5	7	12	–	1	1	1	1*	4	0	–	–	1	7
4	8	12	–	1	1	1	1*	4	0	–	–	0	8
3	9	12	–	1	1	1	1*	3	1	–	–	0	8
2	10	12	–	1	1	1	1*	2	2	–	–	0	8
1	11	12	–	1	1	1	1*	1	3	–	–	0	8
0	12	12	–	1	1	1	1*	0	4	–	–	0	8

FT 200 in combination with 1 x MLA 6P and 1 x MLA 8

17	0	17	1	1	1	1	1*	3	0	6	0	8	0
16	1	17	1	1	1	1	1*	2	1	6	0	8	0
15	2	17	1	1	1	1	1*	1	2	6	0	8	0
14	3	17	1	1	1	1	1*	0	3	6	0	8	0
13	4	17	1	1	1	1	1*	0	3	6	0	7	1
12	5	17	1	1	1	1	1*	0	3	6	0	6	2
11	6	17	1	1	1	1	1*	3	0	6	0	2	6
10	7	17	1	1	1	1	1*	3	0	6	0	1	7
9	8	17	1	1	1	1	1*	3	0	6	0	0	8
8	9	17	1	1	1	1	1*	2	1	6	0	0	8
7	10	17	1	1	1	1	1*	1	2	6	0	0	8
6	11	17	1	1	1	1	1*	0	3	6	0	0	8
5	11	16	1	1	1	1	1*	0	3	5	0	0	8
4	11	15	1	1	2	1	1*	0	3	4	0	0	8
3	11	14	1	1	2	1	1*	0	3	3	0	0	8
2	11	13	1	1	2	1	1*	0	3	2	0	0	8
1	11	12	1	1	2	1	1*	0	3	1	0	0	8

gs = keyed alike

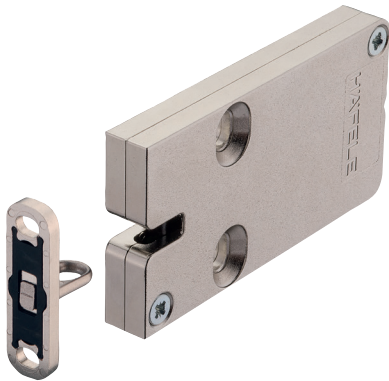
vs = keyed different

* a second FAN 200 antenna can be used (optional)

Note

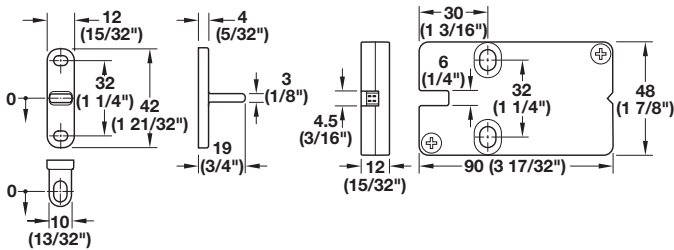
The desired number of furniture locks must not exceed the permitted max. number of furniture locks. Using less furniture locks is possible.

EFL 3/EFL 3C



- > The furniture lock remains unlocked for 3 seconds when presenting an authorized user key in combination with the FT 200/FT 200 CAP furniture terminal (standard spring bolt lock function)
- > The lock locks automatically once the open time has elapsed
- > The door status (locked/unlocked) can be determined with feedback contact and additional macro
- > The connected FT 200 furniture terminal will generate an alarm accordingly
- > More information on functionality can be found under the FT 200/FT 200 CAP furniture terminals

- > Optional, integrated contact for door status indication EFL 3C
- > Electromotive locking and magnetic interactions cannot take place
- > Flat design for variable and integrated installation in furniture
- > EFL 3 can be mounted on both sides
- > Locking component can be mounted on front edge or on the side
- > Anti-twist connection plug



- > For indoor use on hinged doors, lift-up fittings, sliding doors, drawers or tambour doors in furniture, office and store fixtures
- > Electromotive locking, EFL 3: self-adjusting locking component with 3D tolerance compensation, locking plate crossways, EFL 3C: Locking component with magnet, locking plate crossways, flat type, 12 mm (15/32'') (installation next to drawers possible at a distance of min. 12 mm (15/32'') to cabinet side panel)
- > Material: Zinc Alloy
Finish: nickel-plated

Technical Data

Voltage supply	12 V DC
Continuous current consumption	<10 mA
Current consumption max. (including EFL 3)	130 mA/40 ms
Tensile load	1000 N
Door width	<200 mm, trial mounting required
Operating temperature	0–50 °C
Degree of protection	IP20
Relative humidity	10–95 % (not condensed)

Item

EFL 3 with feedback contact

Item No.

237.59.000

EFL 3C with additional feedback contact
"magnetic contact (reed contact) in lock"

237.59.001

Supplied With

EFL 3 or EFL 3C furniture lock
Locking component

Order reference

Please order CC 200 connection cable and marking gauge for EFL 3/EFL 3C separately.

Note

Use marking gauge for installation. Note max. cable lengths. For additional information see MLA 6P and MLA 8 multi-lock adapters. A furniture pull (hole spacing 32 mm) can be screwed to the backside of the fixing plate of the locking component. Particularly suitable for furniture constructions with soft and self-closing mechanisms, and installation in vehicles or RVs. Not suitable for drawers and hinged doors with push-to-open function.

Additional fascia/material (e.g. slotted sheet metal plate) may not be installed between EFL 3/EFL 3C and locking component.

EFL 3/EFL 3C

→ CC 200 Connection cable



- > For connecting an EFL 3/EFL 3C furniture lock to the MLA 6P/MLA 8 multi-lock adapter or the FT 200/FT 200 CAP furniture terminal
- > With mini plug and RJ10 plug
- > Color: black

Cable length m	Item No.
0.5 (19 11/16")	237.59.020
1 (39 3/8")	237.59.021
3 (118 1/8")	237.59.022
5 (196 7/8")	237.59.023
10 (393 23/32")	237.59.024

Note

The connection cables are only compatible with the EFL 3 (237.59.000) and EFL 3C (237.59.001) furniture locks of the current generation, see page 11.89.

→ DG2 Adapter cable



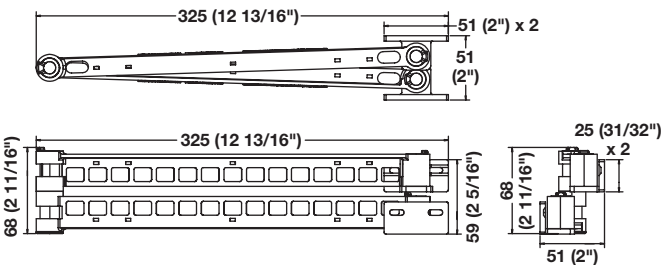
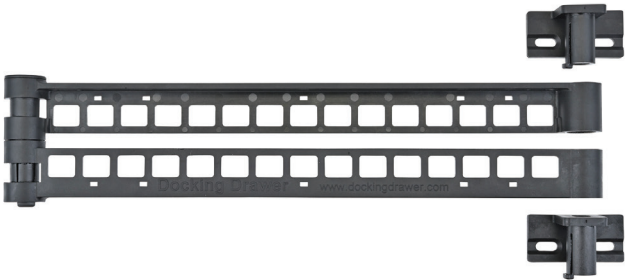
- > For connecting the current version of the EFL 3 (237.59.000) and EFL 3C (237.59.001) furniture locks with the previous version of the V2 connection cable (237.56.340–237.56.349).
- > With previous mini plug and new mini plug
- > Color: black

Cable length	Item No.
100 (3 15/16")	237.56.335

Note

For replacing EFL 3 (237.56.304) and EFL 3C (237.56.305) furniture locks of the previous generation in existing systems with EFL 3 (237.59.000) and EFL 3C (237.59.001) furniture locks of the current generation, without changing the connection cables.

→ Low-Voltage Cable Management Arm



- > Designed to guide low-voltage cables in moving mechanisms such as drawers
- > Ideal for LED lighting inside drawers, telephone cables, security systems, alarm keypads and networking cables
- > Features easy cable routing with included zip ties
- > The arms can be disconnected from the mounting brackets as needed for installation
- > Space behind drawer: min. 50 mm (1 31/32")
- > Drawer box width (OD): min. 330 mm (13")
- > Interior drawer box height: min. 76 mm (3")
- > Drawer extension: max. 533 mm (21")
- > Base cabinet depth: max. 610 mm (24")
- > Material: Plastic

Color	Item No.
black	820.52.872

Supplied With

5 sets
Each set includes:
1 Cable arm, 2 Mounting brackets, 4 Mounting screws,
10 Cable ties, Installation instructions

Note

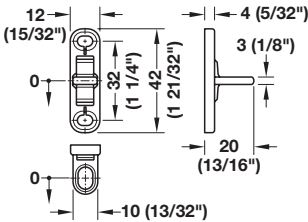
Order quantity minimum: 1 carton of 5 sets.

Warning

Not for use in high-voltage electrical applications.
This cable management arm is exclusively designed for low-voltage cables and will NOT work with 120V, 14 gauge cable size.

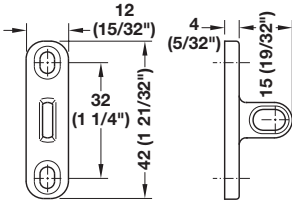
EFL 3/EFL 3C

→ Locking Components



- > Self-adjusting
- > For EFL 3/EFL 3C
- > Material: Zinc Alloy

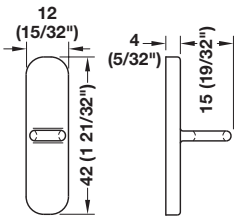
Item No.
237.59.028



- > Lengthwise mounting
- > Screw mounted
- > For EFL 3/EFL 3C
- > Material: Zinc Alloy

Version	Item No.
EFL 3	237.56.312
EFL 3C with magnet	237.56.313

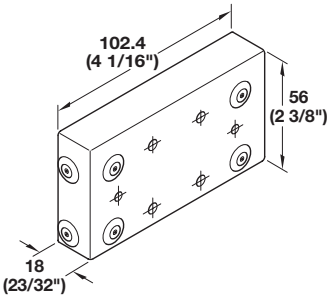
Note
Locking component with magnet for EFL 3C feedback contact for monitoring experiences loss of function when installed in metal surroundings.



- > Glue mounted
- > For EFL 3
- > Material: Zinc Alloy

Item No.
237.56.315

→ Marking Gauge



- > For locking component
- > Screw mounted
- > With 3 center punch pairs, position marking gauge on EFL 3/ EFL 3C furniture lock, the required screw-on position for the locking component is marked when the door is being closed

Item No.
237.56.330

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

EFL 3/EFL 3C

→ Test Device



- > For function check of the EFL 3/EFL 3C furniture locks
- > Lock function and feedback contact are tested
- > Independent of the FT 200/FT 200 CAP furniture terminals, MLA 6P/MLA 8 multi-lock adapters and power supply
- > Material: Plastic

Color

anthracite/light gray

Item No.

237.56.993

Supplied With

Test device
Block battery 9 V

Note

The CC 200 connection cables cannot be tested.

→ 9 V Block Battery

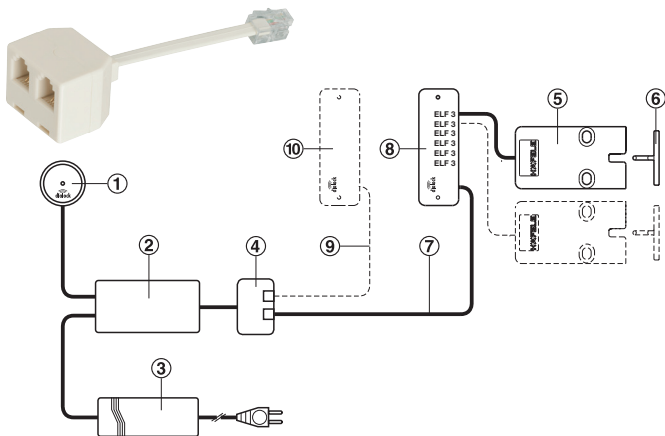


- > High reliability
- > Replacement battery for the test device
- > Model series: Block, 9V
- > Model: 6LR61
- > Voltage: 9 V

Item No.

910.54.956

→ ACC Y-adapter



- > For emergency opening of EFL 3/EFL 3C furniture locks
- > The Y-adapter is connected to the FT 200 furniture terminal
- > In the event of a power failure, power can be supplied separately with the Y-adapter for an emergency opening
- > Power is supplied via the test device
- > The Y-adapter can be connected directly to the EFL 3/EFL 3C or MLA 6P/MLA 8
- > With 1 RJ10 plug and 2 RJ10 sockets
- > Length: 100 mm (3 15/16")
- > Material: Plastic

Color

cream

Item No.

237.56.370

Note

Please order emergency opening cable ⑨ separately. The emergency opening cable ⑨ must be accessible for an emergency opening. The system can be opened without transponder using the test device ⑩.

Circuit diagram

- | | |
|-----------------------------|--------------------------------|
| ① FAN 200 antenna | ⑥ Locking component |
| ② FT 200 furniture terminal | ⑦ CC200 connection cable |
| ③ PS4 power supply unit | ⑧ MLA 6P multi-lock adapter |
| ④ ACC Y-adapter | ⑨ Emergency opening cable |
| ⑤ EFL 3 furniture lock | ⑩ Test device for EFL 3/EFL 3C |

→ Emergency Opening Cable

Item No.

910.54.094

EFL 6

Required number of furniture locks	Multi-lock adapter *	Power supply unit	6-way distributor	Furniture terminal	Antenna, cable length 3 m (118")
EFL 6	MLA 8		CC 140	FT 200	FAN 200
					
237.56.062 page 11.94	237.59.030 page 11.102	237.58.149 page 11.104	823.28.780 page 11.104	237.59.010 page 11.98	237.59.061 page 11.99



Continue to
step 3

Page 11.107

Programming
and user keys

Keyed alike hinged doors, lift-ups and sliding doors

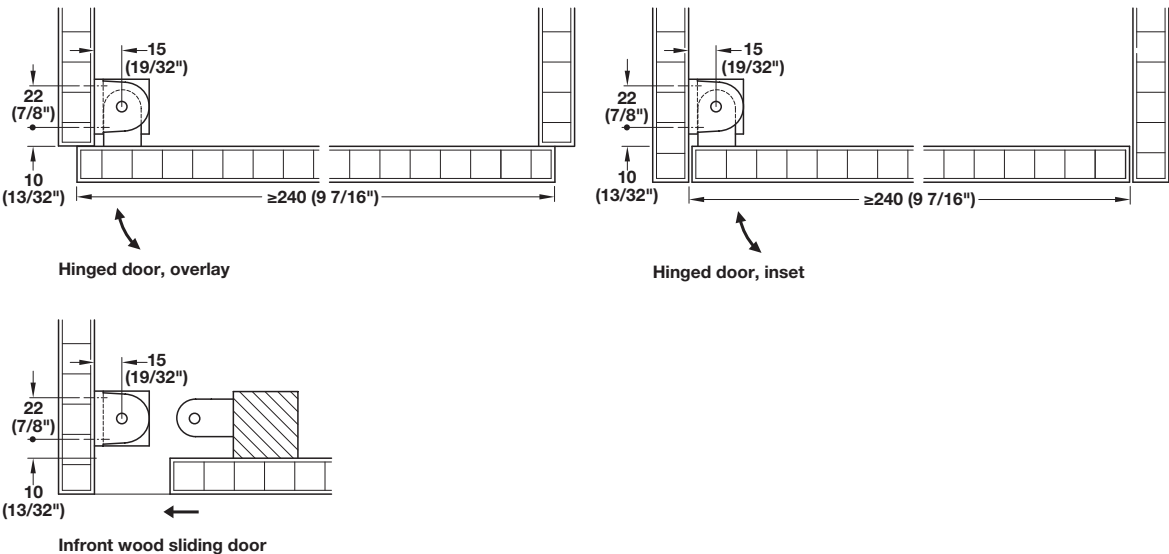
1-5	1	1	–	1	1
6-10	2	2	–	1	1
11-15	3	3	–	1	1
16-20	4	4	–	1	1

Keyed different hinged doors, lift-ups and sliding doors

2-5	1	1	–	1	1
-----	---	---	---	---	---

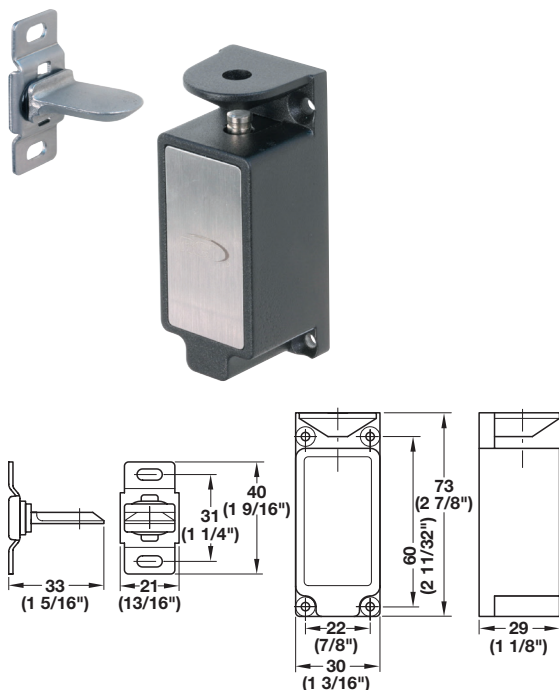
* max. 5 EFL 6 furniture locks can be connected to one MLA 8 multi-lock adapter

Installation example



Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

EFL 6



Keyed alike furniture locks

- > Several EFL 6 furniture locks can be switched parallel (keyed alike) with the FT 200 in combination with the MLA 8 multi-lock adapter

Keyed alike/keyed different furniture locks

- > Several EFL 6 furniture 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 (EFL 41) or RJ 10 plug (EFL 3)
- > Without feedback contact
- > Electromechanical lock for indoor use on hinged doors, lift-up fittings or sliding doors in residential and office furniture
- > Electromagnetic locking action, connection cable with AMP plug, stand-by current or operating current, reversible vertical and horizontal installation possible
- > Screw mounted to the inner side of the cabinet
- > An electric pulse unlocks the lock for 3 seconds
- > FT 120 furniture terminal: Connection via CC 140 distributor, FT 200 furniture terminal: Connection via MLA 8 multi-lock adapter

Technical Data

Voltage supply	12 V DC
Continuous current consumption	184 mA
Pull	90 kg
Operation mode	currentless closed ("fail locked") or currentless open ("fail unlocked")
Cable length	2 m (78 3/4") (with AMP plug)
Operating temperature	-10 to +50 °C

- > Material: Steel

Finish

gray

Item No.

237.56.062

Supplied With

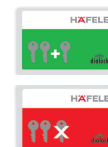
EFL 6 furniture lock
 Interlocking door bolt

Note

Note max. cable lengths, for more information see MLA 8 multi-lock adapter. The EFL 6 furniture lock is supplied normally closed (operating mode). In order to switch from stand-by current to operating current, the screws on the rear side must be loosened and the mechanism must be turned by 180°.

EFL 41

Required number of glass sliding doors*	Multi-lock adapter	Power supply unit	Furniture terminal	Antenna, cable length 3 m (118")
EFL 41	MLA 8		FT 200	FAN 200
				
237.56.971 page 11.96	237.59.030 page 11.102	237.58.149 page 11.104	237.59.010 page 11.98	237.59.061 page 11.99



Continue to
step 3

Page 11.107

Programming
and user keys

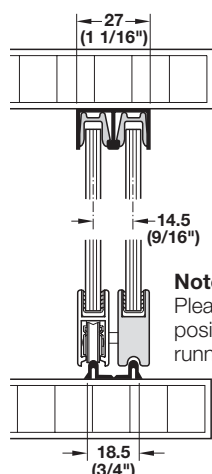
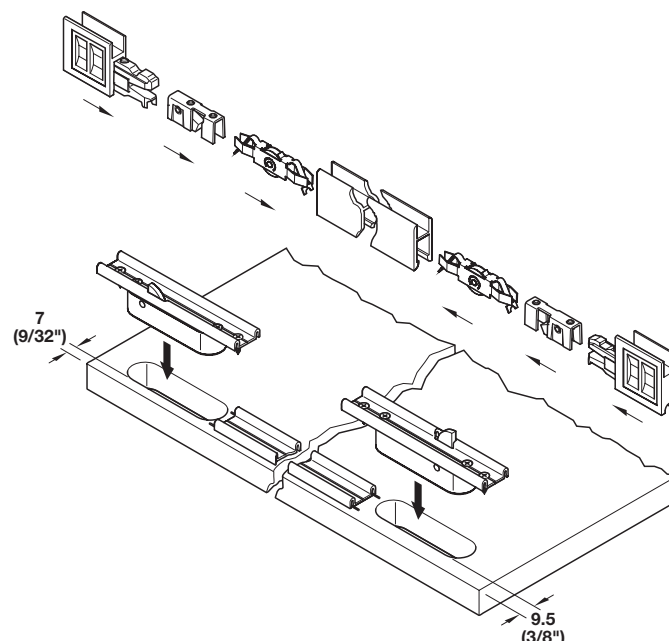
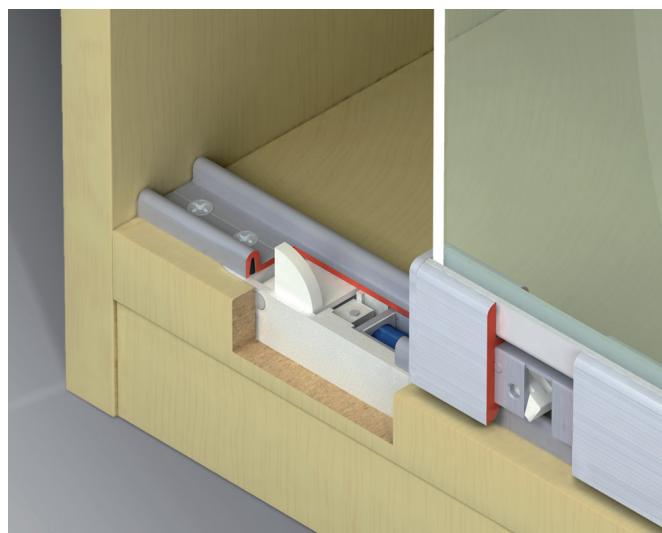
Keyed alike glass sliding doors

2	1	1	1	1
4	1	1	1	1

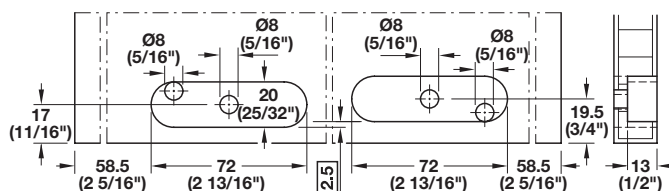
Keyed different glass sliding doors

4	1	1	1	1
6	1	1	1	1

* Häfele Slido Design 25 IF glass sliding door fitting is designed for 2 doors, one EFL 41 must be ordered for each glass door.



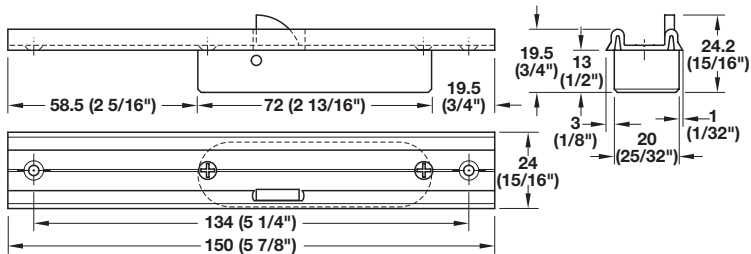
Note
Please observe straight
position of glass in the
runner housing profile.



Installation example:
EFL 41 glass sliding door lock and Häfele Slido Design 25 IF glass sliding door fitting

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

EFL 41 Glass Sliding Door Lock



Technical data

- > Voltage supply 12–24 V DC in load operation, "toggle" mode
- > "permanent open" is only permitted with 12 V DC power supply
- > The max. open time in "lock cycle" mode is 15 minutes
- > Power consumption 1.75 W with 13 V DC (135 mA)
- > 3.0 W with 17 V DC (175 mA)
- > 6.0 W with 24 V DC (250 mA)
- > Tensile load >200 N

Feedback contact:

- > Operating voltage: max 30 V DC
- > Operating current: max. 300 mA
- > Switching capacity: max. 5 W
- > Sensor resistance 180 mΩ
- > Operating mode: currentless closed ("fail safe"), "permanent open" mode is not permitted (overheating), except with 12 V DC
- > Cable length: 3 m (118"), with AMP plug
- > Operating temperature 0–50 °C

Keyed alike furniture locks

- > Several EFL 41 sliding glass door locks can be switched parallel (keyed alike) with the FT 120 in combination with the CC 140 distributor and with the FT 200 in combination with the MLA 8 multi-lock adapter

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 allows for parallel operation of keyed alike and keyed different in addition to combination with other EFL furniture locks with AMP plug (e.g. EFL 1)

- > Electric lock for indoor use on sliding glass doors in furniture and office equipment
- > The lock remains unlocked for 3 seconds via the FT 200, the door is locked again after 3 seconds, integrated feedback contact "lock locked/unlocked"
- > Locking unit for sliding into the Häfele Slido F-Line 25A double bottom running track, connection cable with AMP plug
- > FT 120 furniture terminal: connection via CC 140 distributor, FT 200 furniture terminal: connection via MLA 8 multi-lock adapter
- > Glass thickness: 6 and 8 mm (1/4" and 5/16")
- > Sliding door lock groove mounted into cabinet base panel
- > Double running track screw mounted to cabinet base panel
- > Runner catch for installation in runner housing profile
- > The integrated feedback contact (open door alarm for glass sliding doors, for example) can be used optionally
- > A macro is required for controlling the feedback contact, available on request
- > Material: Housing: Plastic; Double running track: Aluminum

Item No.

237.56.971

Supplied With

Locking unit pre-mounted under Häfele Slido F-Line 14 25A double running track
Runner catch
Feedback control

Note

Use only for sliding glass doors in combination with Häfele Slido F-Line 14 25A bottom running track. Internal cabinet dimensions: 2 x 150 mm (5 7/8") 2 x locking unit. PS power supply unit must be used for supplying power.

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Technical Data

Voltage supply	12 V DC
Continuous current consumption	184 mA
Pull	90 kg
Operation mode	currentless closed ("fail locked") or currentless open ("fail unlocked")
Cable length	3 m (118") (with AMP plug)
Operating temperature	–10 to +50 °C

MCL1 Nano Magnetic Cabinet Lock

A compact medium load locking mechanism that uses electromagnetic energy to capture and hold an armature plate. The armature is released 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 door hinges and drawer slides
- > Door thickness: 3–50 mm (1/8"–1 31/32")

Technical Data

Physical & performance	at 25° C (77° F)
Magnetic lock (L x W x H)	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

Note

Armature plate should "float" to allow alignment with magnet. The MCL1 is a fail safe lock. When used with the FT 200, use MLA 8 Item No. 237.59.030 and external relay Item No. 237.56.132.

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

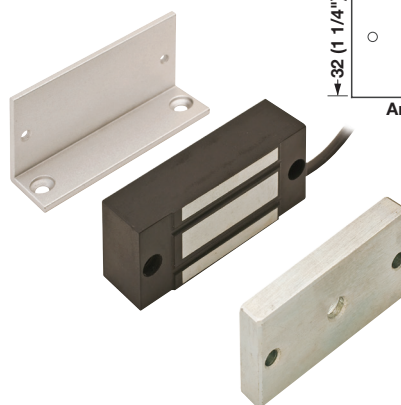
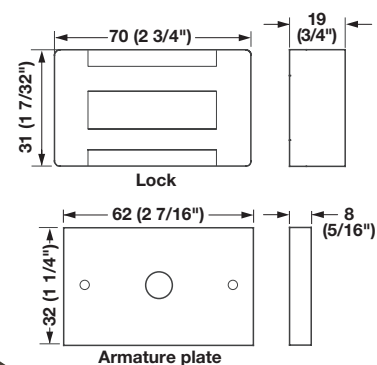
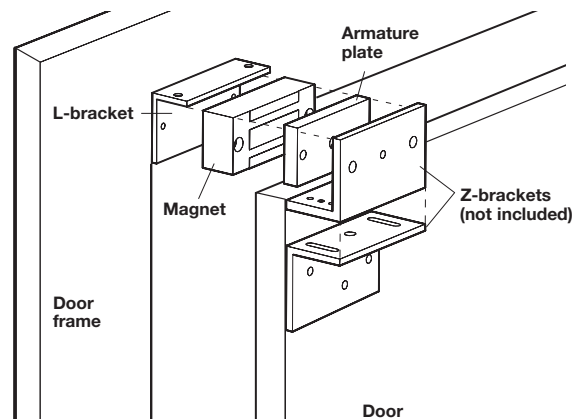
→ Z Bracket

- > Material: Aluminum, clear anodized

Item No.
912.05.272

Note

For mounting armature plate.



- > Material: Lock/Armature plate: Steel; L-Bracket: Aluminum

Finish

black/chrome-plated

Item No.

246.10.010

Supplied With

Male AMP connector and 2 pins, Armature plate, L-bracket, Mounting screws, Instructions

→ External Relay

- > Material: Plastic

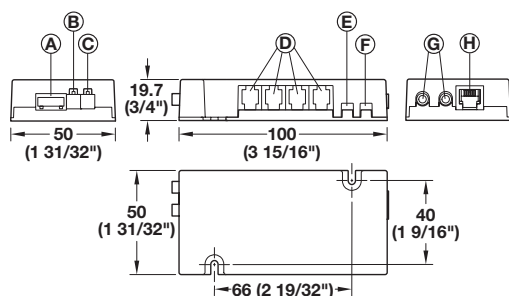
Item No.
237.56.132

FT 200/FT 200 CAP Furniture Terminal

- > Controls EFL 3/EFL 3C locks
- > Integrates into Dialock software for convenient configuration and administration of locking points and locking authorizations
- > Prepared with BLE (Bluetooth Low Energy)
- > Direct connection: max. 4 EFL 3/EFL 3C
- > Connection of 2 antennas
- > Extension of functions is possible using individual macros
- > Material: Housing: Plastic; Color: black



- (A) Potential free input/output port
- (B) Power supply output port
- (C) Power supply input port
- (D) 4 x EFL 3/EFL 3C or MLA 6P connection
- (E) Connection for optical signal generator (LED)
- (F) Connection for acoustic signal generator
- (G) 2 x FAN 200 antenna connection
- (H) MLA 8 connection



Version	Item No.
standard	237.59.010
with energy storage capacity CAP (for integrated real time clock, stored for 6 days)	237.59.011

Supplied With FT 200 furniture terminal, Cable

Technical Data	
Technology	Tag-it™, Mifare Classic EV1, Mifare DESFire EV1 and EV2
Voltage supply	12 V, ±20 %
EFL 3/EFL 3C or MLA 6P connections	RJ10 – socket (4x)
MLA 8 connection	RJ11 – socket (1x)
Connection for antenna	Coaxial socket for 2 FAN 200 antennas
Cable length	150 mm (5 7/8")
Current consumption max. (including EFL 3)	75–690 mA
Signal input ports	e.g. for external feedback contact or reed contact for door monitoring
Relay output port	1 x change over
Number of possible Dialock keys	<1,000
Operating temperature	0–55 °C
Degree of protection	IP20
Relative humidity	10–95 %, not condensed
Approvals	CE, FCC / IC

Please order separately:

- > EFL 3/EFL 3C furniture lock
- > CC 200 connection cable (connection cable between EFL 3 and FT 200/MLA 6P/MLA 8)
- > PS 4 power supply unit
- > FAN 200 antenna
- > Programming and clearing key cards and user keys
- > Dialock software and MDU 110 data transfer unit, if required
- > The plug connector must be ordered additionally when using the potential free input/output ports
- > An individual macro must be installed initially when using the relay output port

Standard functions

- > Activate by holding an authorized user key in front of the antenna which unlocks the furniture lock with a pulse
- > Spring bolt lock function: automatic locking after 3 seconds after the lock has been released (open time setting variable up to 30 seconds)
- > Deadbolt lock function: the lock is locked and unlocked permanently by holding an authorized user key in front of the lock
- > Acoustic feedback as key read receipt

Keyed alike furniture locks

- > An authorized user key simultaneously unlocks all connected locks

Keyed different furniture locks

- > An authorized user key unlocks only selected locks
- > Several furniture locks can also be implemented in combination with the MLA 6P/MLA 8 multi-lock adapter
- > One CC 200 connection cable is required for each furniture lock

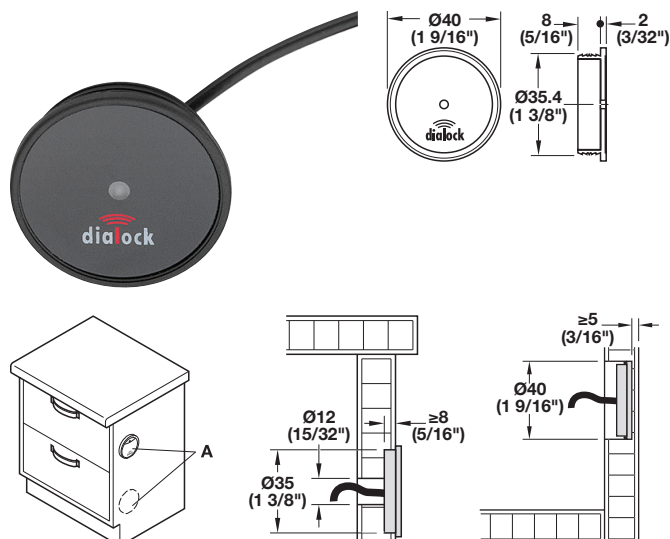
Optional functions

- > Indication of the locking status via acoustic or optical signal generators (external LED)
- > The opening time of the furniture lock can be adjusted variably to up to 30 seconds with the red and green programming cards and the spring bolt lock function
- > Customer specific requirements (e.g. installation of an acoustic signal generator or activation of an alarm system) can be implemented with macro programs on request

Note

Please contact your Häfele sales representative when using the Dialock software. Macro programs must be specified in advance. An MDU 110 data transfer unit and instruction by a Dialock technician is required for programming. Please contact your Häfele sales representative for more detailed information.

→ FAN 200 Antenna



Installation example
(A = antenna)

For recess mounting in 35/40 mm
(1 3/8''/1 5/8'') cup drilling,
mount antenna as close as possible
to the front.

Reader Range

- > Approximately 25 mm (31/32'') with FT 200 and FAN 200 antenna (key fob)
- > The range may be smaller due to environmental reasons, for example, if metal materials or magnetic fields (power supply lines) are in close proximity
- > The FAN 200 antenna must not be installed behind or on metal surfaces or mirrors
- > Distance between 2 antennas: min. 250 mm (9 13/16'')
- > For indoor use in furniture
- > Offset reader unit for keys with integrated red/green LEDs, for indication of the activation status for FT 200/FT 200 CAP furniture terminals
- > With connection cable and coaxial plug

Technical Data

Technology	Tag-it™, Mifare Classic EV1, Mifare DESfire EV1 and Mifare DESfire EV2
Degree of protection	IP67

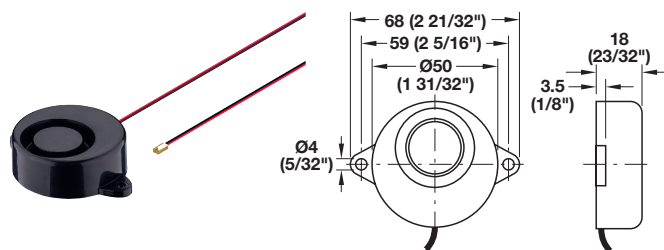
Cable length m

Cable length m	Item No.
1 (39'')	237.59.060
3 (118'')	237.59.061
5 (197'')	237.59.062

Note

The antenna can be connected directly to the output port of the FT 200 furniture terminal. The FAN 200 antenna is not suitable for installation in metal or metal coated furniture. When installing 2 antennas, the distance between the antennas must be at least 250 mm (9 13/16'')

→ Signal Generator Acoustic, 105 dB



- > For acoustic indication of the locking status of the FT 200 furniture terminal, also suitable for customized message alerts such as alarms
- > Piezo sound generator with connection lead and plug
- > Material: Plastic

Technical Data

Voltage supply	3–20 V DC
Nominal current	8 mA
Signal	Continuous tone (frequency 3.1 kHz)
Sound level (SP)	105 dB
Fixing distance	59 mm (2 5/16'')
Connection lead length	300 mm (11 13/16'')
Operating temperature	–30 to +80 °C

Color/Connection Plug

Color/Connection Plug	Item No.
black/yellow	237.59.040

Note

A macro is required for use in combination with FT 200. Other combinations on request.

→ FT 200 Plug Connector



- > For terminal strip
- > Material: Plastic

Color

green	237.59.012
-------	------------

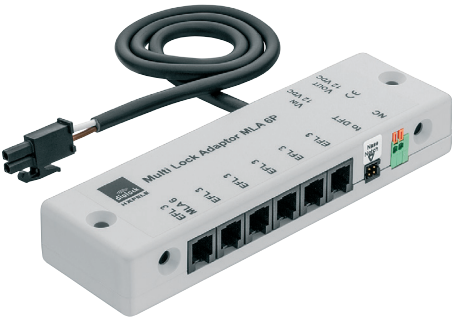
Supplied With

10 pcs.

Note

For using the relay output port and digital input port.

MLA 6P Multi-lock Adapter



Color

anthracite/light gray

Item No.

237.59.032

Supplied With

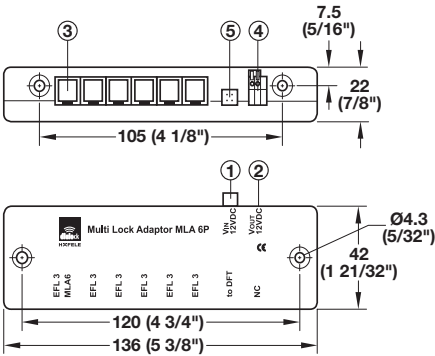
MLA 6P multi-lock adapter

Cable

Data cable to FT 200

Note

Please order countersunk head screws 4 x 35 mm (1 3/8")/4 x 55 mm (2 13/16") separately.



- ① V_{in} (voltage supply)
② V_{out} (output current)
for EFL 3, EFL 3C or further
③ MLA 6P

- ④ NC contact normally closed
(for systems from other
providers)
⑤ Data in (from FT 200)

- > The link between the FT 200 furniture terminal and the EFL 3/EFL 3C furniture lock where more than four furniture locks have to be actuated
- > The MLA 6P multi-lock adapter uses the incoming data signal from the FT 200 furniture terminal and forwards it to the EFL 3, EFL 3C furniture locks in the form of a pulse for unlocking/locking

Other functions and special features:

- > Transfer of feedback contacts signalling the locking status of EFL 3/EFL 3C furniture locks. A special macro is available for this application on request.
- > The additional potential free contact at the NC output port signals unlocked furniture locks and can be used by systems from other providers

Notes concerning operation

- > Note max. cable lengths, see CC 200 connection cable, next page
- > Note connected loads of the system components
- > The system can be easily extended with an additional MLA 8
- > Additional PS4 power supply units are required, depending on the number of extensions or system size
- > Only keyed alike operation is possible
- > Separate power supply
- > Electronic multi-lock adapter for indoor use: For keyed alike EFL 3/EFL 3C furniture locks
- > Material: Plastic

Technical Data

Voltage supply	9.6–14.4 V DC
Current consumption max. (including EFL 3/EFL 3C)	830 mA
EFL 3/EFL 3C or MLA 6P connections	RJ10 – socket (6x)
FT 200/FT 200 CAP connection	Molex socket (1x)
Output current (each EFL 3 OUT)	<500 mA (12 V)
Own consumption	50 mA
Output current (total)	<1000 mA (12 V)
Feedback contact	12 V, 50 mA
Cable length	0.5 m (20") (with AMP plug)
Data cable length	0.5 m (20") (with RJ10 and Molex plug)
Operating temperature	0–50 °C

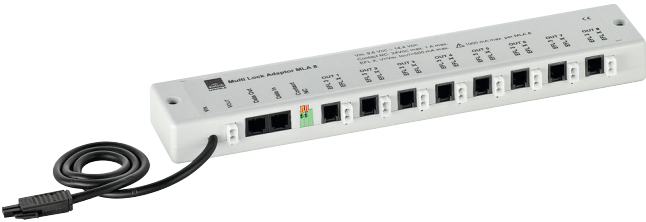
[illegible]

- | Cable length m | Item No. |
|-----------------|------------|
| 0.5 (19 11/16") | 237.59.020 |
| 1 (39 3/8") | 237.59.021 |
| 3 (118 1/8") | 237.59.022 |
| 5 (196 7/8") | 237.59.023 |
| 10 (393 23/32") | 237.59.024 |

Max. cable lengths between electronic components and furniture locks. The EFL 3 feedback contacts for monitoring can be polled through the FT 200/FT 200 CAP terminals via macros.

One CC 200 connection cable is required for each EFL furniture lock. Connection cables are only compatible with the new generation EFL 3/ EFL 3C furniture locks, see page **11.89**.

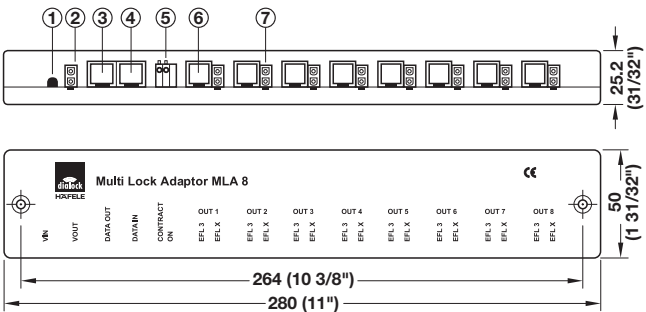
Multi-lock Adapter MLA 8



Color	Item No.
light gray	237.59.030

Supplied With
MLA 8 multi-lock adapter
Cable
Data cable to FT 200

Note
Please order countersunk head screws
4 x 35 mm (1 3/8")/4 x 55 mm (2 13/16") separately.



- | | |
|---|---------------------------------------|
| ① V_{in} (voltage supply) | ⑤ Contact NC (for systems from |
| ② V_{out} (output current) | ⑥ For EFL 3/EFL 3C 1-8 |
| ③ Data out (to other MLA 8) | ⑦ LED 1-8 (control light) |
| ④ Data in (from FT 200) | |

- > Keyed alike operation max. 16 MLA 8 possible*
- > Keyed different operation max. 1 MLA 8 possible*
- > LEDs for function control
- > Separate power supply
 - * In this case (cascading), feedback is not possible in combination with the FT 200 furniture terminal!
- > Electronic output extender for indoor use: For keyed alike, and/or keyed different EFL 3/EFL 3C furniture locks
- > Programming is carried out outside the furniture, LEDs for function control and error detection next to each of the 8 output ports
- > The MLA 8 multi-lock adapter is the link between the FT 200 furniture terminal and the EFL 3/EFL 3C furniture lock in cases where more than four furniture locks have to be actuated
- > The MLA 8 multi-lock adapter uses the incoming data signal from the FT 200 furniture terminal and forwards it to the EFL 3/EFL 3C furniture locks in the form of a pulse for unlocking/locking

Multi-lock adapter with keyed alike operation

- > For 8 EFL 3/EFL 3C furniture locks
- > For max. 16 MLA 8 connected in series (132 furniture locks)

Multi-lock adapter with keyed different operation

- > For 8 EFL 3/EFL 3C furniture locks
- > Max. 1 MLA 8 (8 furniture locks) possible.

Other functions and special features

- > Combination of keyed alike and keyed different via FT 200 furniture terminal
- > Transfer of feedback contacts (signalling the locking status of EFL 3/EFL 3C furniture locks. A special macro is available for this application on request.)
- > The additional potential free contact at the NC output port signals unlocked furniture locks and can be used by systems from other providers

Notes concerning operation

- > Note max. cable lengths, see CC 200 connection cable, next page
- > Note connected loads of the system components
- > The system can be easily extended later with an additional MLA 8

Technical Data	
Voltage supply	9.6–14.4 V DC
Current consumption max. (including EFL 3/EFL 3C)	1240 mA
EFL 3/EFL 3C connections	RJ10 – socket (8x)
FT 200/FT 200 CAP connections	RJ11 – socket (1x)
Output current (each EFL 3 OUT)	<500 mA (12 V)
Own consumption	130 mA
Output current (total)	<1000 mA (12 V)
Feedback contact	12 V, 50 mA
Cable length	0.5 m (20") (with AMP plug)
Data cable length	0.5 m (20") (with 2 RJ11 plugs)
Operating temperature	0 – 50 °C

Diagram illustrating the connection of the FT 200 FT 200 CAP unit to a PS4 and a Multi Lock Adaptor MLA 8.

The PS4 is connected to the FT 200 via a cable labeled $\leq 10 \text{ m (393 11/16")}$.

The FT 200 is connected to the MLA 8 via a cable labeled $\leq 10 \text{ m (393 11/16")}$.

The MLA 8 is connected to the FT 200 via a cable labeled $\leq 5 \text{ m (196 7/8")}$.

The FT 200 FT 200 CAP unit features ports for Ant. 1, Ant. 2, Vin, Vout, AUX, ACU, LED, and four EFL 3 outputs (1. EFL 3, 2. EFL 3, 3. EFL 3, 4. EFL 3). The distance between these outputs is $\leq 10 \text{ m (393 11/16")}$.

The Multi Lock Adaptor MLA 8 features ports for Vh, Vout, Data Out, Data In, Contact No, and twelve EFL 3 outputs (1. EFL 3 to 12. EFL 3). The distance between these outputs is $\leq 10 \text{ m (393 11/16")}$.

CC 140 Distributor



- > Distributor with keyed alike operation for EFL 6, EFL 41, MCL 1 furniture locks with AMP plug
- > Please ensure that a sufficient voltage supply is provided
- > Electric distributor for indoor use
- > For keyed alike EFL furniture locks with AMP plug
- > With 1 AMP plug, with 6 AMP sockets
- > Length: Total: 155 mm (6 3/32"); Cable: 90 mm (3 17/32")
- > Material: Plastic

Color	Item No.
white	823.28.780

→ Power Supply with Plug 12 VDC 2.5A (PS4)



- > With amp socket and 1,828 mm (72") primary cord
- > Capacity: max. 50 EFL1 locks
- > W x D x H: 108 x 58 x 30 mm (4 1/4" x 2 9/32" x 1 3/16")
- > Material: Plastic

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	0° – 40°C (32°F – 140°F)

Color	Item No.
black	237.58.149

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.

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

EFL 30/30C Furniture Locks



Item	Item No.
EFL 30	237.59.070
EFL 30C with additional feedback contact	237.59.071

Technical Data	
Technology	Tag-it, Mifare Classic EV1, Mifare DESfire EV1/EV2
BLE (Bluetooth 5) integrated	For start-up and configuration with the Häfele Dialock Manager app for smartphones (available for iOS and Android)
Degree of protection	IP20
Batteries	2 x AAA battery, industrial alkaline, 1.5 V
Battery service life	Up to 20,000 cycles
Number of possible keys	<1000
Operating temperature	0 °C to +55 °C
Humidity	10–95% not condensed
Read range	Card: max. 38 mm (1 1/2") Tag: max. 28 mm (1 3/32")
Minimum distance from EFL 30 to EFL 30	100 mm (3 15/16")/vertical 150 mm (5 7/8")/horizontal mounted
Tensile load	1000 N
Dimensions (L x W x D)	126 x 61 x 13 mm (5" x 2 13/32" x 1/2")
Approvals and certifications	CE (Europe), FCC (USA), IC (Canada), EN 61000-4-2 – level 3

Note

In order to avoid interference between locks, a minimum distance of 100 or 150 mm (3 15/16" or 5 7/8") must be maintained between installed locks. If the distance is less than this, continuous communication will take place between the locks, which will drain the battery. In order to avoid unnecessary battery drainage, do not insert the battery until start-up takes place. For applications that require a smaller distance, the FT 200 can be used in combination with the EFL 3.

Installation of hinged door:

In order to unlock the EFL 30, the transponder card must be held against the hinged door.

Installation on cabinet:

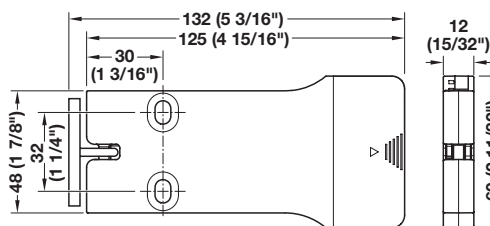
In order to open the EFL 30, the transponder card must be held against the side of the cabinet.

Installation on drawer:

In order to open the EFL 30, the transponder card must be held against the side of the cabinet.

Note

Please order batteries (Item No. 910.54.953) separately.
 Please order programming and clearing key cards, Dialock Manager app license or software separately.



- > Battery-operated, intelligent locker lock for indoor use on lockers, wood door cabinets and sliding doors
- > Ideal for individual locking points and mobile furniture
- > Integration into Dialock software or use of the Dialock Manager app for convenient configuration and administration of locking points and locking authorizations
- > Slim and compact design
- > Integrated BLE module (Bluetooth Low Energy)
- > Material: Housing: Plastic; Color: black
Locking bolt and component: Zinc Alloy
- > Door thickness: max. 19 mm (3/4")

Standard mode

User keys are allocated to one or several (optional) locks for locking and unlocking. The lock remains open for 3 seconds after opening, then locks again automatically. The door status (locked/open) can be identified with the feedback contact and additional macro which can trigger an alarm. The open time can be adjusted to 1–30 seconds in the basic operation mode using the programming transponder.

Free choice of locker

Every user key can lock an open locker. When opened, the user key is assigned to the selected locker; only this user key can unlock the locker. When the locker is unlocked, the assignment is deleted. The locker number is not stored on the user key.

Toggle mode (deadbolt lock function)

When an authorized transponder is held in front of the device, the lock unlocks and remains unlocked. When the user key is presented again, the lock is locked.

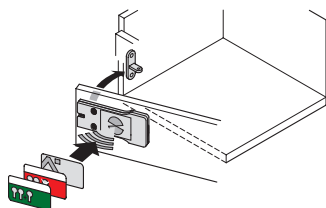
Note

The EFL 30/EFL 30C can be configured and operated in the standalone mode via the Dialock Manager app or as locking point in the Dialock Software using the programming card and clearing key card.

EFL 30 Furniture Locks

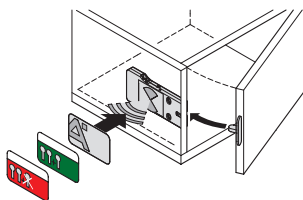
Installation

Installation of hinged door



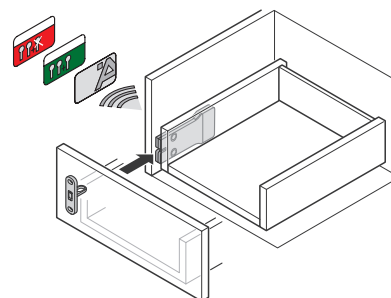
In order to unlock the EFL 30, the transponder card must be held against the hinged door

Installation on cabinet

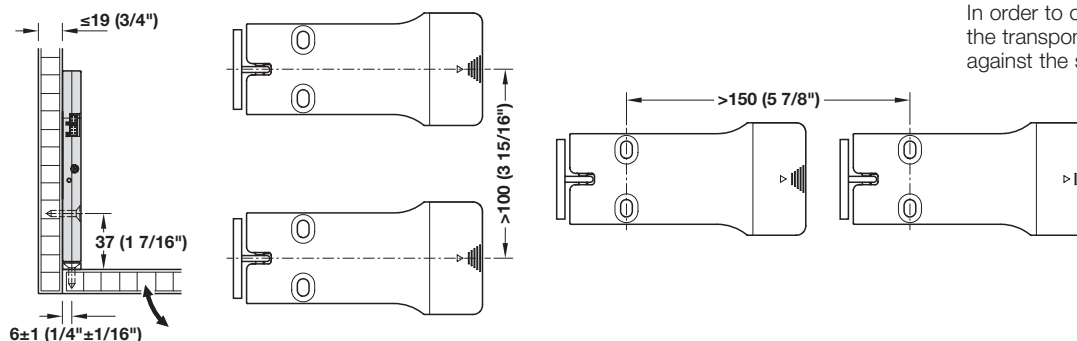


In order to open the EFL 30, the transponder card must be held against the side of the cabinet

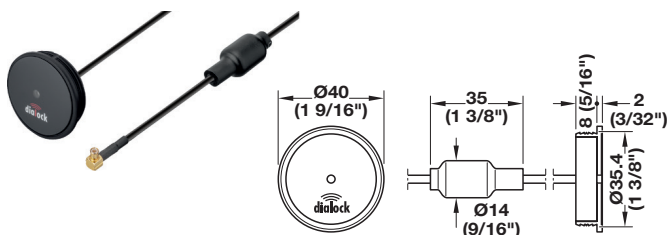
Installation on drawer



In order to open the EFL 30, the transponder card must be held against the side of the cabinet



FAN 30 Antenna



- > For indoor use on furniture
- > Offset reader unit for keys with integrated red/green LEDs, for indication of the activation status of EFL 30/EFL 30C furniture terminals
- > With connection cable and plug for connection to EFL 30/EFL 30C

Cable length m

1.5 (4' 11 1/16")

Item No.

237.59.063

Technical Data

Technology

Tag-it, Mifare Classic EV1, Mifare DESfire EV1/EV2

Degree of protection

IP20

Note

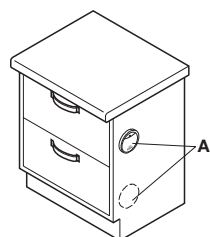
Reading range:

Max. 25 mm (31/32") (key FOB). The range may be smaller for environmental reasons, for example, if metals or magnetic fields (power supply lines) are in close proximity.

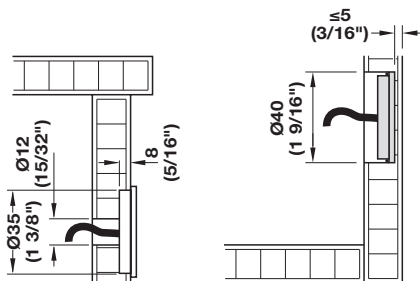
The FAN 30 antenna must not be installed behind or on metal surfaces, mirrors or glass surfaces.

- > The FAN 30 antenna is not suitable for installation in metal or metal coated furniture
- > Distance between 2 antennas: min. 250 mm (9 13/32")
- > Connection to EFL 30/EFL 30C furniture lock

As a result, the integrated antenna on the EFL 30/EFL 30C is deactivated and operation is only possible via the FAN 30.



Installation example:
(A = antenna)



For recess mounting in 35/40 mm (1 3/8"/1 9/16") cup drilling, mount antenna as close as possible to the front.

CC 30 Connection Cable



- > Supplies the EFL 30/EFL 30C furniture lock with voltage
- > With USB-A/Micro plug

Item No.

237.59.102

Häfele Dialock® RFID Keys Tag-it™



- > Contactless data transmission
- > Read/write transponder
- > Batteries are not 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 – +140°F
Data Storage	> 10 years

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



- > ISO Standard
- > 4 Dialock® segments
- > Suitable for card printers
- > L x W x H: 85 x 54 x 1 mm (3 3/8" x 2 1/4" x 1/32")
- > Material: Plastic

Color	Technology	Item No.
white	Tag-it™	917.44.001
white	MiFare DesFire EV3	917.64.057
simply easy print	MiFare DesFire EV3	917.64.059

→ PK Programming Key Card



- > Mifare Classic Technology
- > For small projects with few Dialock keys
- > W x H: 54 x 85 x 0.73 mm (2 1/8" x 3 3/8" x 1/32")
(credit card size)

Item No.
917.64.010

Functionality

For allocating access authorizations without software and programming station.

→ RPK Clearing Key Card



- > Mifare Classic Technology
- > For small projects with few Dialock keys
- > W x H: 54 x 85 x 0.76 mm (2 1/8" x 3 3/8" x 1/32")
(credit card size)

Item No.
917.64.011

Functionality

For deleting access authorizations without software and programming station.

Häfele Dialock® Key Tags



- > Contactless data transmission
- > Read/write transponder
- > Batteries are not required
- > Insensitive to: Magnetism
 - Mechanical vibrations
 - Humidity/moisture
 - Dust
- > Reusable
- > Forgery proof
- > Utilizes Tag-it™ technology
- > Solid and impact resistant polycarbonate, ultrasound welded and waterproof
- > Laser engraved numbers or text/logos are possible*
- > For use with all Dialock® Tag-it programming options
- > 4 Dialock® segments
- > Ø: 36 (1 7/16")
- > Height: 5.3 mm (3/16")
- > Material: Stainless Steel/Polycarbonate; Finish: matte

→ Tag-it™



Fig. shows key tag at full scale

Technical Data	
Temperature range	-35 °C – +50 °C (-31°F – +122°F)
Data storage	min. 10 years

Color	Item No.
black	917.44.143
white	917.44.147
green	917.44.145
red	917.44.149
blue	917.44.148
orange	917.44.141

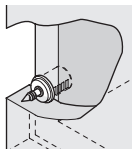
Note

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.

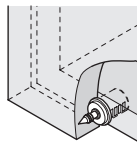
***For details contact Dialock® Department at 1-888-437-7477 or 1-336-889-2322**

Recessed Catches

For installation:

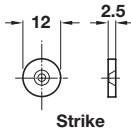


In the face edge
of the cabinet
side panel.

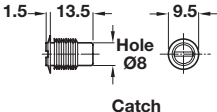


Cabinet shelf

- > For end-drilled installation in cabinet face edges
- > Press fit or glued



Strike



Catch



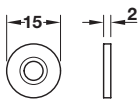
- > Catch: press fit, fixed
- > Strike: screw mounted, fixed
- > Pull: approximately 2 kg (4.5 lbs)
- > Material: Catch: Plastic; Strike: Chromed Metal

Color

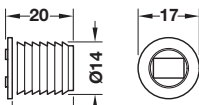
black

Item No.

246.01.312



Counterpiece



Housing



- > Catch: press fit, fixed
- > Strike: screw mounted, fixed
- > Pull: approximately 4.5 kg (10 lbs.)
- > Material: Catch: Plastic; Strike: Chromed Metal

Color

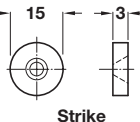
white

brown

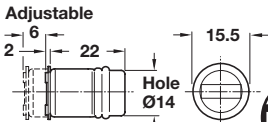
Item No.

246.19.701

246.19.101



Strike



Catch



- > Catch: glued, adjustable
- > Strike: screw mounted, fixed
- > Pull: approximately 5 kg (11 lbs.)
- > Material: Catch: Brass; Strike: Chromed Metal

Finish

nickel-plated

Item No.

246.02.211

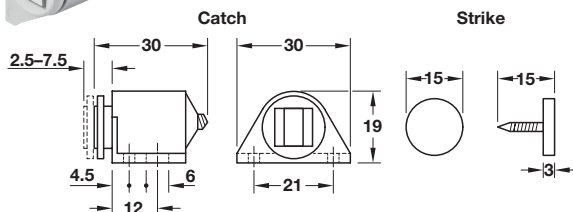
Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Flat head wood screws	page 13.13
Flat head screws	pages 13.7–13.8, 13.10, 13.13

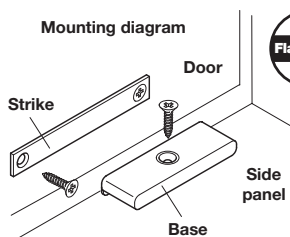
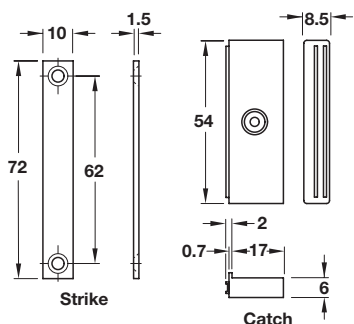
Catches



- > Screw mounted
- > Holding power: 3 kg (6.6 lbs.)
- > Magnet adjusts by approx. +4 mm by turning
- > Material: Catch: Plastic; Strike: Steel



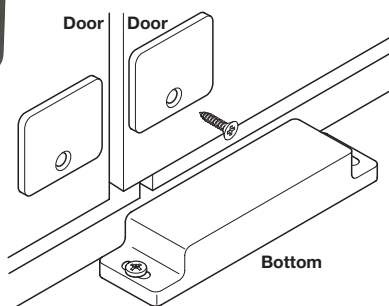
Color	Item No.
white	246.09.730
brown	246.09.130



- > Screw mounted
- > Adjustable
- > Floating poles
- > Catch: fixed
- > Flat, 6 mm (1/4") height
- > Holding power: approximately 5 kg (11 lbs.)
- > Material: Catch: Plastic; Strike: Steel

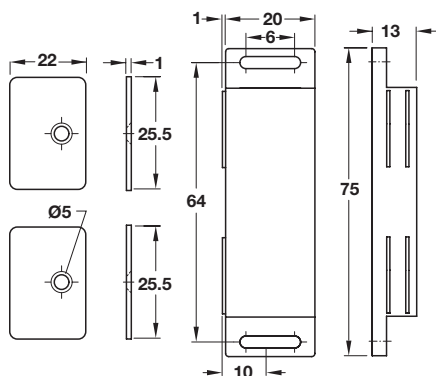
Color	Item No.
white	246.50.708
brown	246.50.100

Double Catch



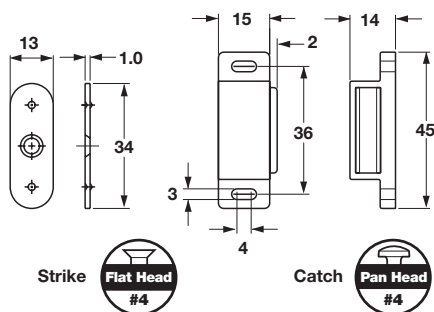
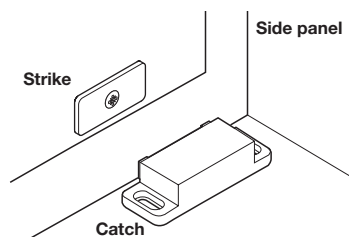
- > Floating permanent magnet poles in catch adjust automatically, to meet door-mounted strikes
- > Screw mounted
- > Catch: fixed
- > Strike: floated
- > Holding power: approximately 2 x 3-4 kg (2 x 6.6-8.8 lbs.)
- > Material: Catch: Plastic; Strike: Steel

Color	Item No.
black	246.36.300



Flat head screws	pages 13.7-13.8, 13.10, 13.13
Pan head screws	pages 13.9-13.10, 13.13

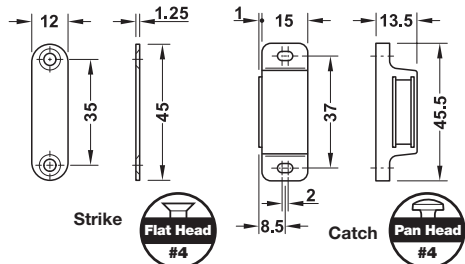
Catches



- > The most economical magnetic catch
- > Extremely flexible floating plates compensate for alignment tolerances

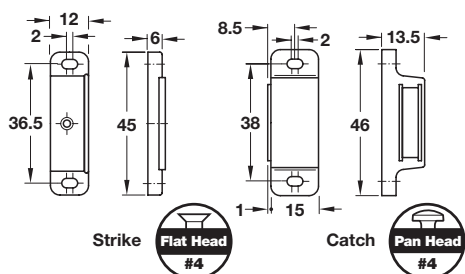
- > Screw mounted
- > Pull: 2.5 kg (5.5 lbs.)
- > Material: Catch: Plastic; Strike: Metal

Color	Item No.
white	246.28.700
brown	246.28.100



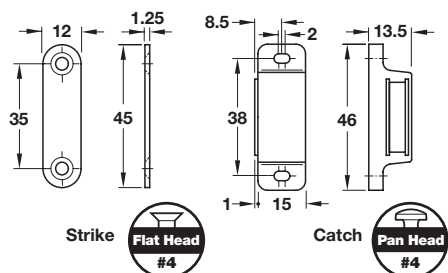
- > Screw mounted
- > Catch: floating
- > Strike: fixed
- > Holding power: approximately 3–4 kg (6.6–8.8 lbs.)
- > Material: Catch: Plastic; Strike: Steel

Color	Item No.
white	246.26.720
brown	246.26.122



- > Screw mounted
- > Catch: floating
- > Strike: fixed
- > Holding power: approximately 4–5 kg (8.8–11 lbs.)
- > Material: Catch: Plastic; Strike: Steel

Color	Item No.
white	246.29.722
brown	246.29.116



- > Screw mounted
- > Floating permanent magnet poles in catch adjust automatically to meet door mounted strike
- > Catch: floating
- > Strike: fixed
- > Holding power: approximately 4–5 kg (8.8–11 lbs.)
- > Material: Catch: Plastic; Strike: Steel

Color	Item No.
white	246.29.703
brown	246.29.105
black	246.29.301

Flat head screws	pages 13.7–13.8, 13.10, 13.13
Pan head screws	pages 13.9–13.10, 13.13

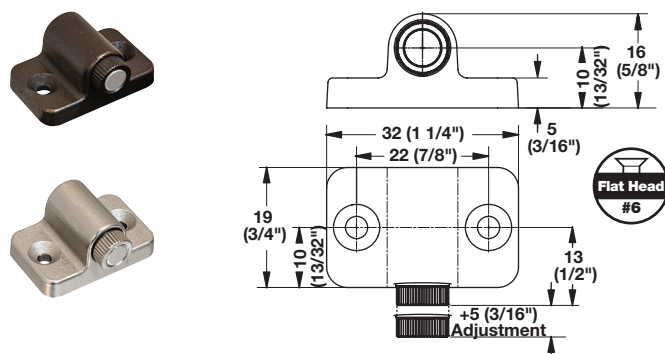
High-end Catches

- > A high-end magnetic catch specifically designed by Häfele
- > Primary application is high-quality traditional cabinetry with inset doors, utilizing free-swinging decorative butt hinges
- > Rounded soft shape
- > Metal casing with a plated finish offer a high-end look and feel
- > Easy and intuitive in/out adjustment is achieved by turning the magnet; no need to loosen screws, adjust and re-tighten
- > Magnet adjustment range: 5 mm (3/16")
- > Magnetic holding force: 2 kg (4.4 lbs)

Note

Matching strike plates and screws are available, please order separately.

→ Single



> Material: Housing: Zinc; Core: Steel; Magnet: Neodymium

Finish	Item No.
oil-rubbed bronze	246.15.100
nickel-plated matte	246.15.600

→ Complete Sets

> Material: Housing: Zinc; Core: Steel;
Magnet: Neodymium; Strike Plates/Screws: Steel

Finish	Item No.
oil-rubbed bronze	246.15.110
nickel-plated matte	246.15.610

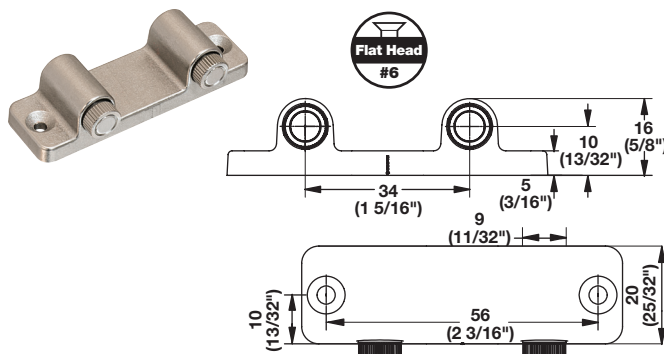
Supplied With

- 2 Catches
- 4 Mounting screws
- 2 Strike plates with floating head/knock-in nail

Note

For above single catch only.

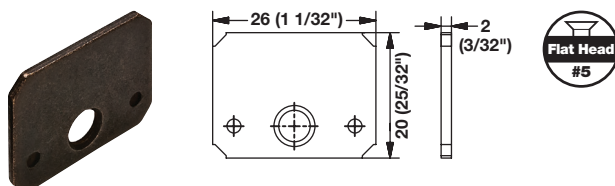
→ Double



> Material: Housing: Zinc; Core: Steel; Magnet: Neodymium

Finish	Item No.
nickel-plated matte	246.15.601

→ Strike Plates



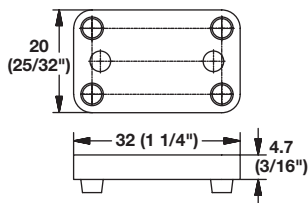
> Material: Steel

Finish	Item No.
oil-rubbed bronze	246.36.180
nickel-plated matte	246.36.680

Note

Order screws separately, see next page.

→ Spacer



- > Provides additional height for mating catch in face frame applications
- > Design creates perfect alignment with catch housing
- > Screw mounts together with catch
- > Material: Plastic

Color

gray

Item No.

246.15.691

→ Screws for Strike Plate



- > #5 x 5/8"
- > Material: Steel

Finish

oil-rubbed bronze
nickel

Item No.

010.77.536
010.77.604

Supplied With
1000 pcs.

→ Screws for Magnetic Catch

- > #6 x 5/8"
- > Material: Steel

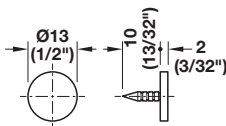
Finish

oil-rubbed bronze
nickel-plated matte

Item No.

010.77.207
010.77.607

→ Strike Plates for Magnet



- > Knock in
- > Material: Steel, galvanized

Finish

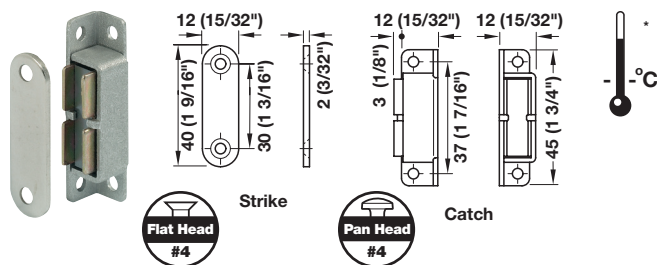
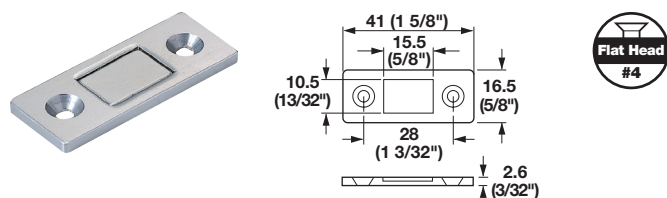
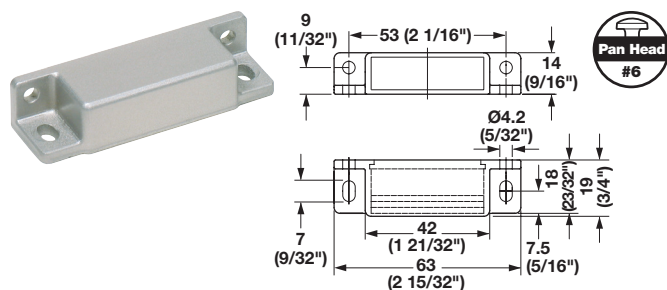
oil-rubbed bronze
zinc-plated

Item No.

246.15.190
246.08.910

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Catches



- > Hermetically sealed for corrosion resistance
- > No metal to metal contact
- > Strong magnetic force

- > Holding power: approximately 5 kg (11 lbs.)
- > Material: Catch: Polyacetal; Magnet: Neodymium

Color

light gray

Item No.

246.53.522

Note

Optional counter plate, see below.

- > Ultra thin catch with extra strong magnetic force
- > Temperature: max. 80° C (176° F)
- > To avoid damage, counter plate should not hit magnet
- > Screw heads should not protrude above the base plate
- > Material: Magnet: Neodymium

Base/Yoke

Steel/black

Holding power

4 kg (8.8 lbs.)

Item No.

246.53.300

Stainless Steel

4 kg (8.8 lbs.)

246.53.000

Steel/nickel-plated

8 kg (17.6 lbs.)

246.53.600

Note

Optional counter plate, see below.

- > Screw mounted
- > Metal case provides heat-resistance to 300° C (572° F).
- > Holding power: approximately 5 kg (11 lbs.)
- > Material: Catch: Aluminum; Strike: Steel

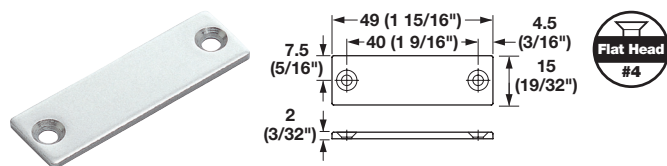
Item No.

246.92.000

Note

Holding power is diminished by 1% per 5° C (41° F) (+) increase in temperature. Cooling restores the magnet's holding power to its original level. A strike is not necessary with steel doors or lids.

→ Counter Plate, optional

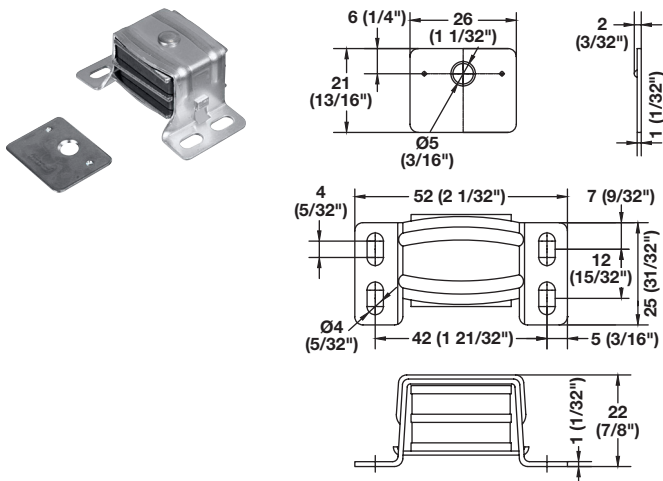


- > Material: 316 Stainless Steel, unfinished

Item No.

246.53.030

Catch



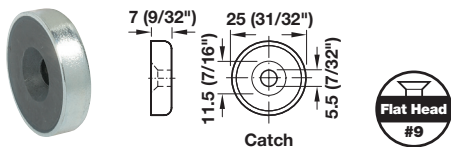
- > Magnet position can be adjusted without changing location of the housing
- > Magnet adjustment range: 5.5 mm (7/32")
- > Magnetic holding force: 3 kg (6.6 lbs)
- > Screw mounted
- > Holding power: 6 kg (13.2 lbs.)
- > Material: Catch: Aluminum; Strike: Steel

Item No.

246.92.005

Supplied With
Mounting screws

Magnets



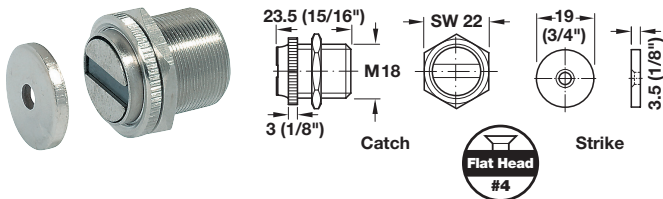
- > Screw mounted
- > With inside mounting hole
- > Low-profile magnet
- > For metal cabinets
- > Inside mounting Ø: 5 mm (3/16")
- > Strike is not required
- > Holding power: approximately 3.6 kg (7.9 lbs.)
- > Material: Steel

Finish

zinc-plated

Item No.

246.86.025



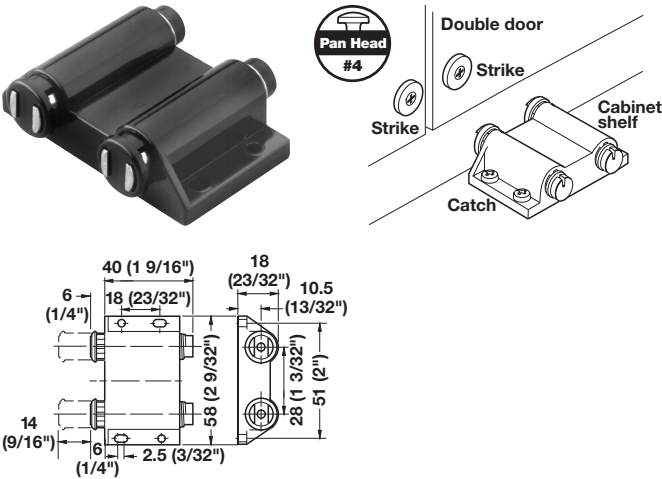
- > For metal cabinets
- > Holding power: approximately 7 kg (15.4 lbs.)
- > Material: Catch: Metal; Strike: Steel

Item No.

246.95.010

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

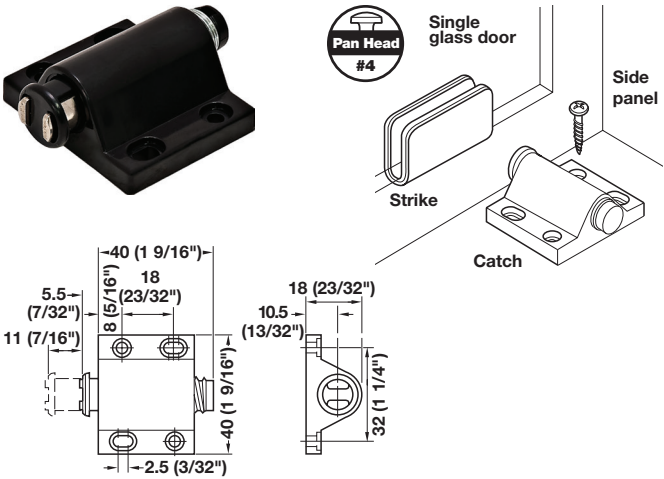
Magnetic Push Latches



- > Screw mounted
- > Material: Plastic

Color	Item No.
black	245.80.320

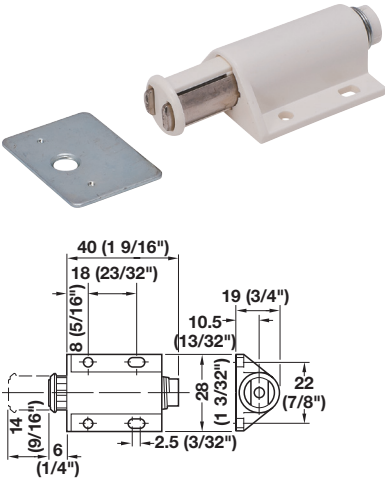
Note
Matching strikes must be ordered separately.



- > Screw mounted
- > Measurements are approx. ± 0.5 mm
- > Material: Plastic

Color	Item No.
black	245.60.389

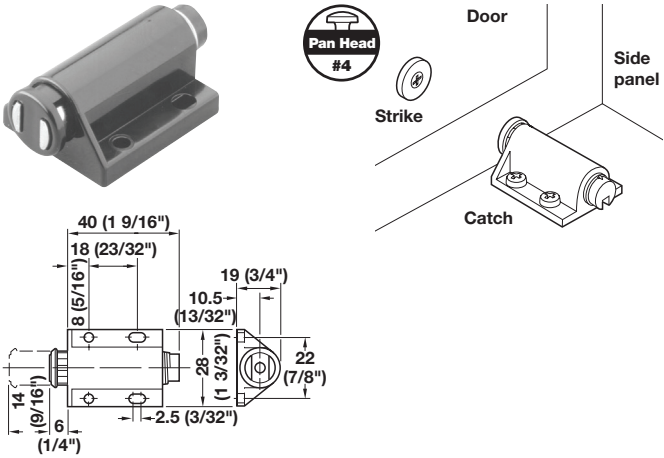
Note
Matching strikes must be ordered separately.



- > Screw mounted
- > Material: Plastic

Color	Item No.
white	245.60.807

Supplied With
Strike plate
Screws



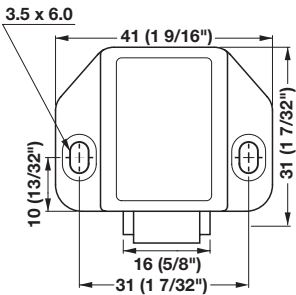
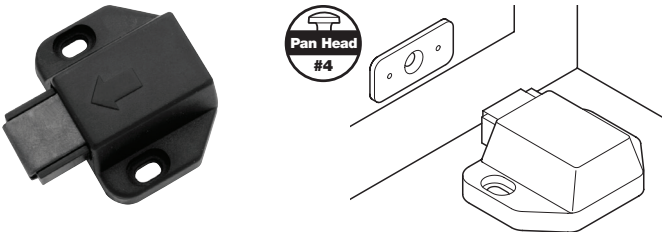
- > Screw mounted
- > For wood doors and furniture
- > Material: Plastic

Color	Item No.
black	245.80.310

Note
Matching strikes must be ordered separately.

Magnetic Push Latches

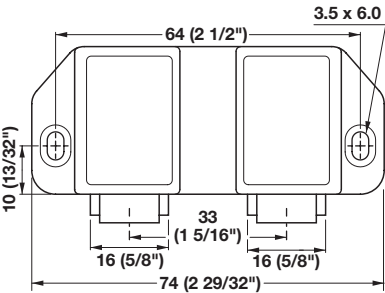
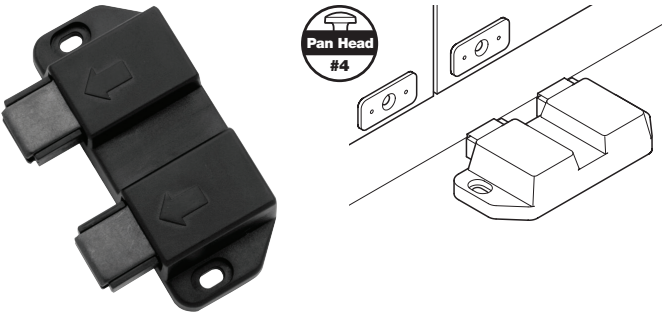
- > With a permanent magnet as the retaining element
- > The opening and closing functions are similar to those of an automatic spring catch
- > Light pressure on the door is sufficient to close it securely, or open it to the extent needed for any further magnetic holding power to be overcome manually
- > Special finger pulls allow for push fit mounting on glass panels, serving as the strike for the magnetic catch



- > Screw mounted
- > Material: Plastic; Catch: Steel

Color	Item No.
black	245.75.310

Note
Strikes must be ordered separately.



- > Screw mounted
- > Material: Plastic; Catch: Steel

Color	Item No.
black	245.75.320

Note
Strikes must be ordered separately.

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Strikes	pages 11.123–11.124
Pan head screws	pages 13.9–13.10, 13.13

1250 Series Strike and Catch Lock

Strike Dimensions:

- Top View:
 - Overall Width: 45 (1 3/4")
 - Strike Pin Diameter: 12 (13/32")
 - Strike Pin Hole Diameter: 7 (9/32")
 - Strike Pin Hole Spacing: 23 (29/32")
 - Strike Pin Hole Depth: 1.4 (1/16")
- Side View:
 - Overall Height: 36 (1 7/16")
 - Strike Pin Hole Spacing: 38 (1 1/2")
 - Strike Pin Hole Diameter: 7 (9/32")
 - Strike Pin Hole Depth: 1.4 (1/16")
 - Strike Pin Hole Spacing: 13 (1/2")
 - Strike Pin Hole Diameter: 6 (7/32")
 - Strike Pin Hole Depth: 6.5 (1/4")
 - Strike Pin Hole Spacing: 15 (15/32")
 - Strike Pin Hole Diameter: 15 (15/32")
 - Strike Pin Hole Depth: 20 (25/32")
 - Strike Pin Hole Spacing: 28 (1 1/8")

Catch Dimensions:

- Side View:
 - Overall Width: 9.5 (3/8")
 - Strike Pin Hole Spacing: 15 (15/32")
 - Strike Pin Hole Diameter: 5 (19/32")
 - Strike Pin Hole Depth: 3 (3/16")

- | Color | Item No. |
|-------|------------|
| white | 245.61.730 |
| brown | 245.61.330 |

- | Color | Item No. |
|-------|------------|
| white | 245.61.740 |
| brown | 245.61.140 |
| black | 245.61.340 |

Inset Application

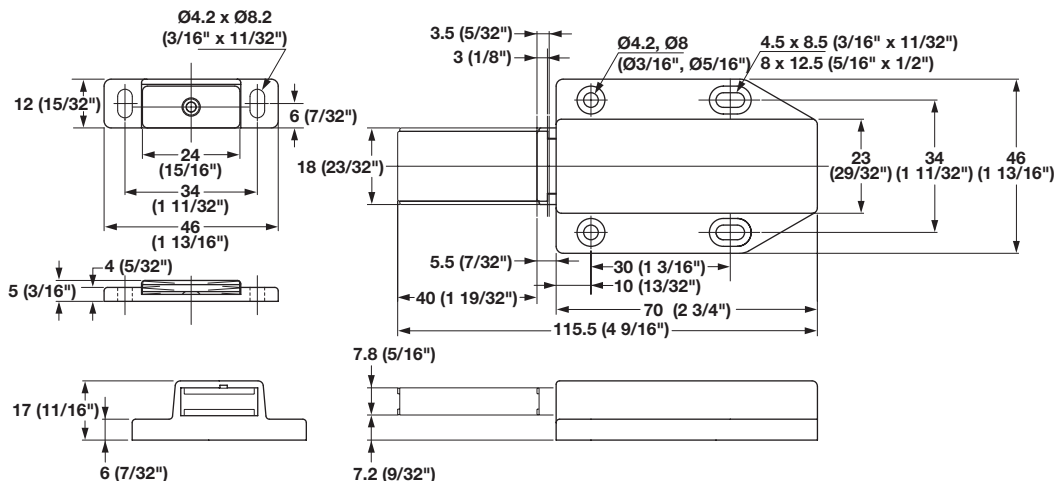
Diagram illustrating a door lock mechanism. A vertical line represents the door edge, and a horizontal line represents the door frame. A lock cylinder is shown protruding from the door edge, with a keyhole. The word "Door" is written below the door edge line.

Overlay Application

Diagram illustrating the gap between the door and the frame. The gap is labeled as **Gap = 3 mm (1/8")**.

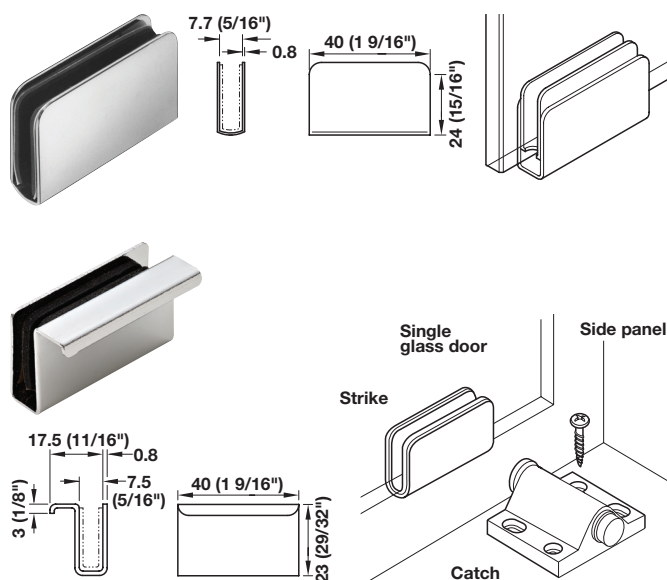
11

Locks



Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Glass Door Strikes



- > Glass door thickness: 5–6 mm (3/16"–7/32") in combination with automatic spring catches
- > Material: Steel, bonded to self-adhesive foam

Finish

chrome-plated

Item No.

245.63.228

Note

Remove protective backing and attach foam liner to the glass door, then push the strike or finger pull into the pad.

- > Glass door thickness: 5–6 mm (3/16"–7/32") in combination with automatic spring catches
- > Material: Steel, bonded to self-adhesive foam

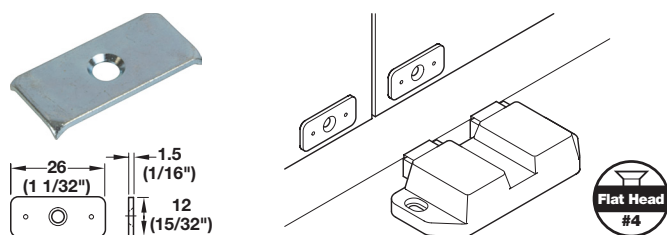
Finish

chrome-plated

Item No.

245.63.237

Wood Door Strikes



- > Screw mounted
- > For wood doors, in combination with automatic spring or magnetic catches
- > Material: Steel

Finish

zinc-plated

Item No.

245.63.998



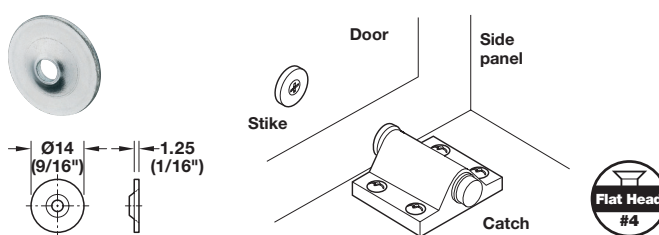
- > Screw mounted
- > For wood doors, in combination with automatic spring or magnetic catches
- > Material: Steel

Finish

bronzed

Item No.

245.63.292



- > Screw mounted
- > For wood doors, in combination with magnetic catches
- > Material: Steel, galvanized

Item No.

246.03.790



- > Screw mounted
- > For wood doors, in combination with automatic spring or magnetic catches
- > Material: Steel

Finish

bronzed

Item No.

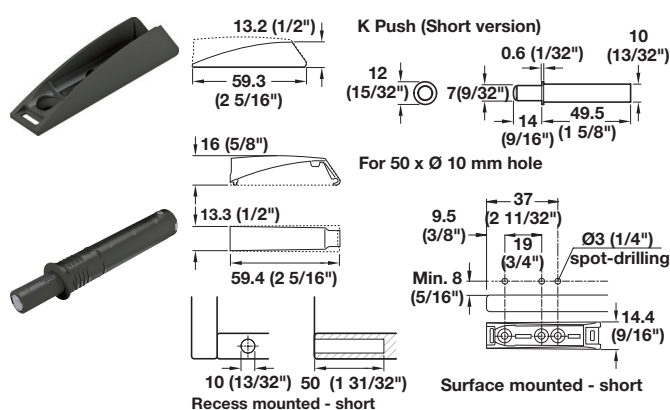
246.36.390

K Push Tech Concealed



- > Push system for opening doors without pulls
- > Mechanism provides a silent, powerful operation
- > Suitable for a wide range of doors
- > Recess mounted in hole Ø: 10 mm (13/32") or surface mounted
- > Available either with magnet or with buffer:
 - Magnet version for cabinets using free-swinging or negative hinges
 - Buffer version for cabinets using spring hinges
- > Engineered plastic material with magnet or rubber buffer

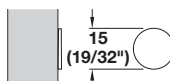
→ Short



- > Throw: 14 mm (9/16")
- > Material: Plastic

Item	white	anthracite
Catch with magnet	356.12.700	356.12.300
Catch with buffer	356.12.710	356.12.310
Housing	356.12.720	356.12.320
Mounting plate	356.12.725	356.12.325

→ Strike Plate for magnet



- > Self-adhesive
- > Material: Steel

Finish	Item No.
satén chrome	356.01.539

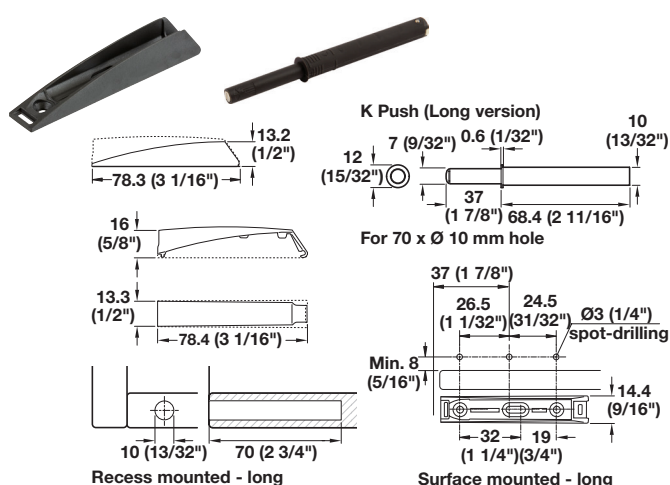
→ Installation Tool



- > Installation aid for recess drilling or surface mounting
- > Material: Plastic

Color	Item No.
red	356.12.099

→ Long



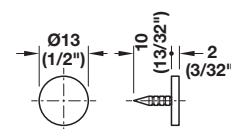
- > Throw: 37 mm (1 1/2")
- > Material: Plastic

Item	white	anthracite
Catch with magnet	356.12.705	356.12.305
Strong catch w/magnet	356.12.706	356.12.306
Catch with buffer	356.12.717	356.12.317
Strong catch w/buffer	356.12.718	356.12.318
Housing	356.12.722	356.12.322
Mounting plate	356.12.723	356.12.323

Note

Order housing and mounting plate fittings separately for surface mounting.

→ Strike Plate for magnet



- > Knock in
- > Material: Steel

Finish	Item No.
zinc-plated	246.08.910

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

K Push Tech Concealed

→ Drilling Jig



- > Material thickness: 16–18 mm (5/8"–23/32")
- > 1 mm shim included
- > Material: Aluminum/Steel

Color

red

Item No.

356.12.090

Supplied With

1 mm (1/32") shim

→ Drill Bit

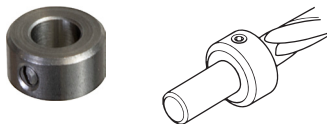


- > Ø: 10 mm (13/32")
- > Material: Carbide

Item No.

001.24.319

→ Stop Ring



- > Ø: 10 mm (13/32")
- > Material: Steel

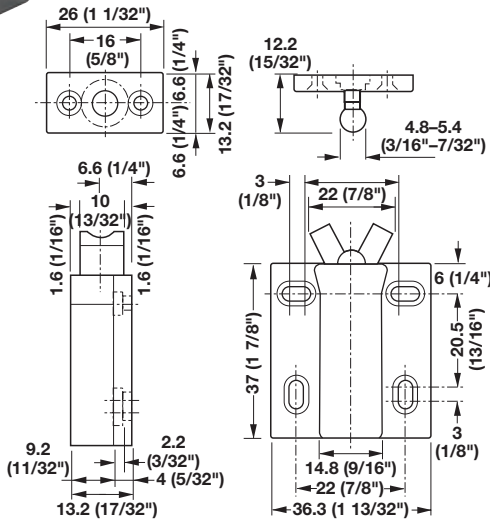
Item No.

001.42.693

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Non-Magnetic Catches

→ Compact Catch



- > The strike consists of two parts allowing for easy adjustment even after the body is attached
- > Lower holding power
- > Holding power: 3 kg (6.6 lbs.)
- > Material: Plastic

Color

black

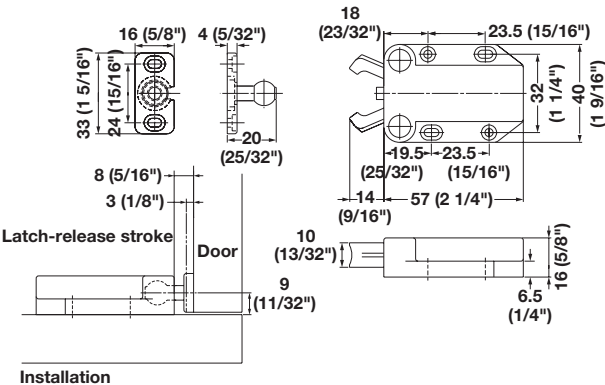
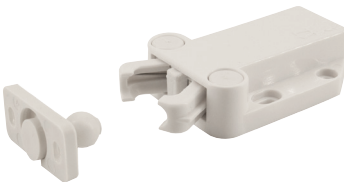
Item No.

245.50.310

Supplied With

6 Screws

→ Pressure Catch



- > Based on the same concept as a magnetic catch
- > A gentle push opens or closes door
- > Especially suited for use where magnets would be harmful
- > Cannot be pulled or pushed open from the inside by falling objects
- > Holding power: 8 kg (17.6 lbs.)
- > Material: Plastic

Color

black

white

Item No.

245.50.301

245.50.701

Supplied With

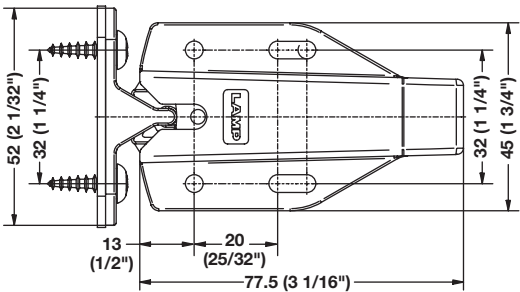
6 Screws

→ Push Latch

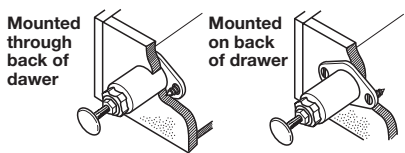
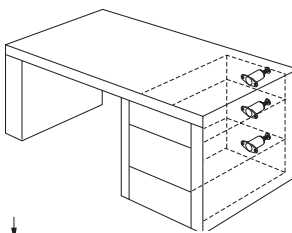
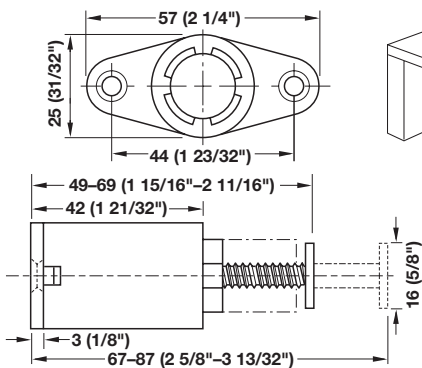


- > For thick doors
- > Strike: 23 mm (29/32")
- > With self-adjusting strike plate
- > Retaining force: 9 kg (20.2 lbs.)
- > Push force: 1.4 kg (3.1 lbs.)
- > Material: Plastic

Color	Item No.
black	245.50.330
white	245.50.720



→ Flexi-touch Drawer Latch

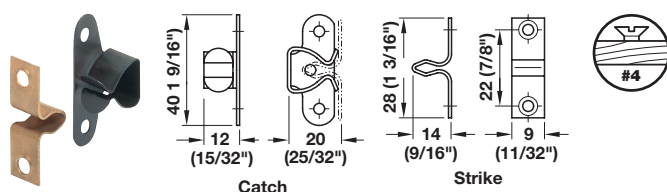


- > Spring latch releases drawer with the touch of a finger
- > Attachable on the back or through the back of drawer
- > Not for use on overlay drawer fronts
- > Not recommended for self-closing ball bearing slides
- > Material: Plastic

Color	Item No.
beige	245.52.403
Supplied With Screws	

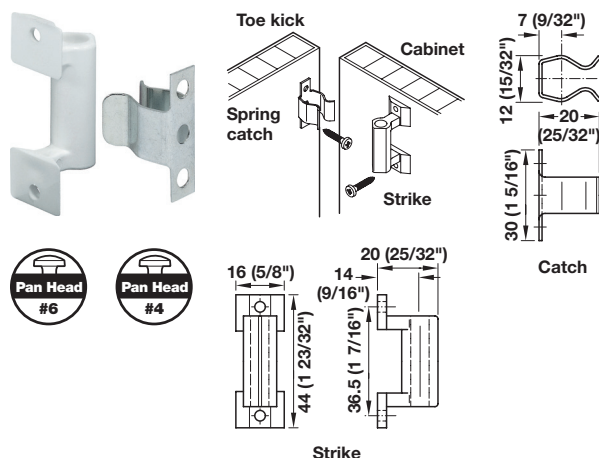
Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Spring Catches



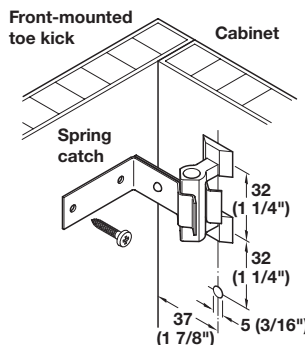
- > Material: Spring Catch: Steel, blue tempered
- Strike: Steel; Finish: brass-plated

Item No.
245.06.509



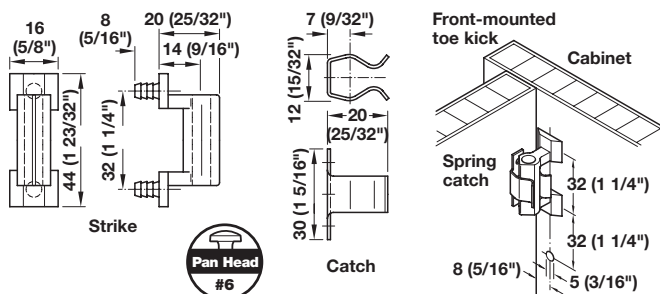
- > With screw mounted strike
- > Material: Spring Catch: Steel, chromated
- Strike: Nylon; Color: white

Item	Item No.
Strike	245.07.775
Catch	245.07.800



- > 32 mm (1 1/4")
- > With press in catch
- > Material: Spring Catch: Steel, blue tempered
- Strike: Nylon; Color: white

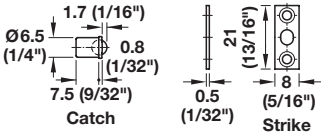
Item	Item No.
Strike	245.07.784
Catch	245.07.793



- > 32 mm (1 1/4")
- > With press in strike
- > Material: Spring Catch: Steel, chromated
- Strike: Nylon; Color: white

Item	Item No.
Strike	245.07.784
Catch	245.07.800

Ball Catches with Strikes



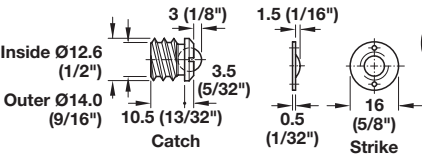
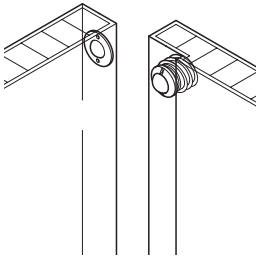
- > Press fit
- > Material: Ball: Steel; Finish: chrome; Catch and Strike: Steel

Finish

brass-plated

Item No.

241.80.505



- > Screw mounted
- > Material: Ball: Steel; Finish: chrome; Catch and Strike: Steel

Finish

brass-plated

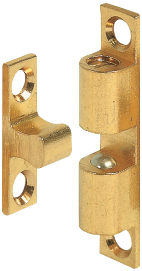
Item No.

241.86.123

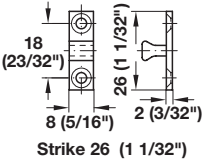
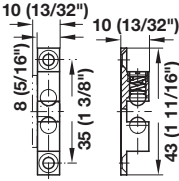
Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Flat head wood screws	page 13.13
Round head metal brads	page 13.13

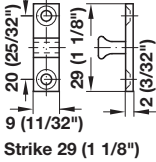
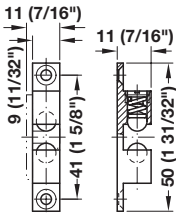
Twin Ball Catches



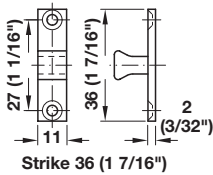
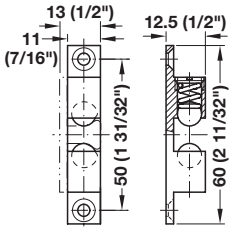
43 (1 11/16") Catch



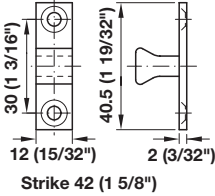
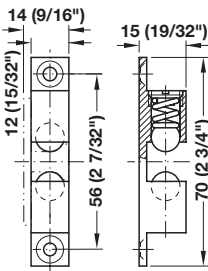
49 (1 25/32") Catch



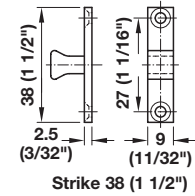
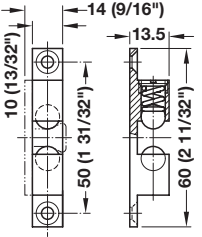
60 (2 11/32") Catch



70 (2 3/4") Catch

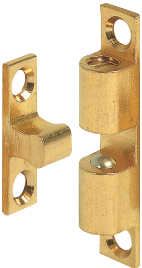


60 (2 11/32") Catch



- > Screw mounted
- > Material: Brass, polished; Ball: Steel-plated

Length	Item No.
43 (1 11/16")	244.20.014
49 (1 15/16")	244.20.015
60 (2 11/32")	244.20.016
70 (2 3/4")	244.20.017

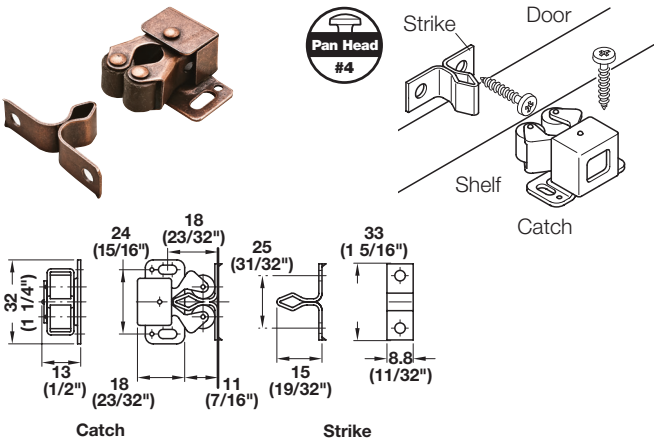


- > Screw mounted
- > Material: Brass, polished; Ball: Steel-plated

Item No.
244.20.120

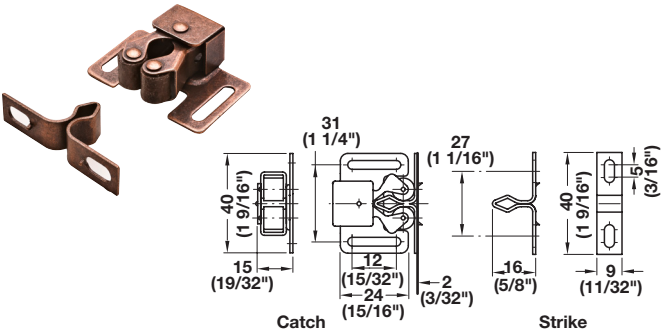
Double Roller Catches

→ Low Back



- > Push-in force: 1.8-2.0 kg (3.9-4.4 lbs.)
- > Pulling force: 1.0-1.2 kg (2.2-2.6 lbs.)
- > Material: Roller: Nylon; Strike and Catch: Steel

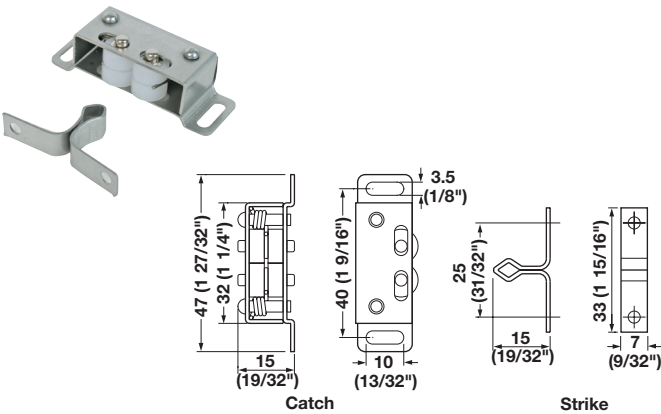
Finish	Item No.
bronzed	244.01.107
galvanized	244.01.901



- > With oblong holes on catch and strike for wide adjustment range
- > Can be used on face frames
- > Material: Roller: Nylon; Strike and Catch: Steel

Finish	Item No.
bronzed	244.04.100

→ Double Catch, Stainless Steel

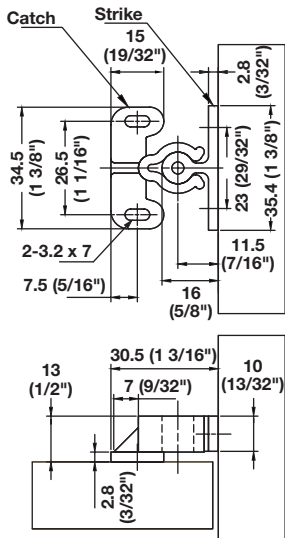


- > With oblong holes on catch for adjustability
- > Push-in force: 1 kg (2.2 lbs.)
- > Pulling force: 2.7 kg (6 lbs.)
- > Material: Stainless Steel, unfinished
Roller: Polyethylene; Color: white

Item No.
245.50.010

Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

K-Catch Knuckle Catch



- > Grabs and tightly holds doors
- > Screw mounted
- > Material: Plastic

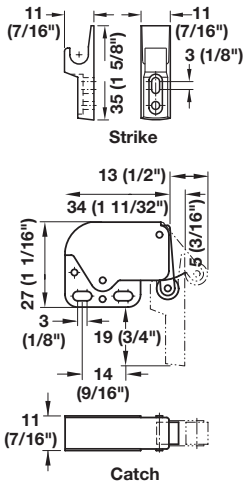
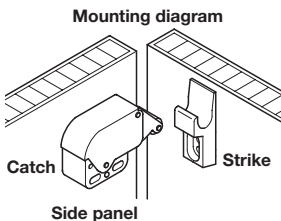
Color

white

Item No.

245.50.304

Mini-Latch



- > Screw mounted
- > The release function is activated with light pressure on the door
- > Door opens automatically
- > Light pressure against the door is required to close
- > Material: Catch: Plastic/Steel combination; Strike: Plastic

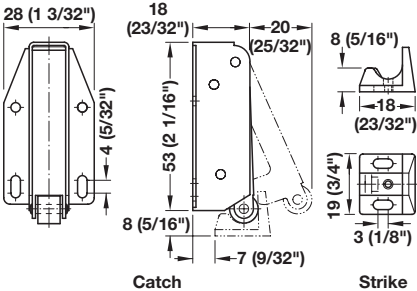
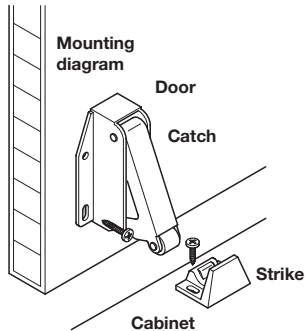
Finish

nickel-plated
brass-plated w/Häfele logo
stainless steel

Item No.

245.54.701
245.54.514
245.54.707

Quick-Latch



- > Screw mounted
- > Material: Catch: Steel; Strike: Plastic; Color: white

Finish

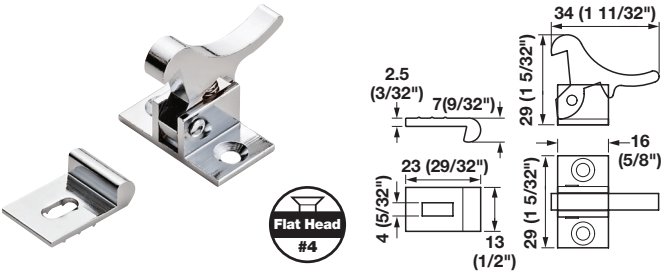
bright galvanized
bronzed

Item No.

245.55.913
245.55.100

Elbow Catches

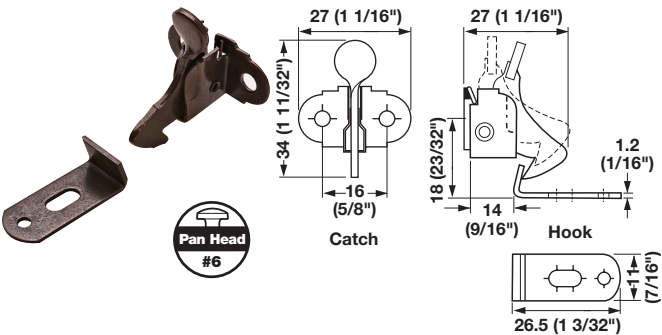
→ Deluxe



- > Nonhanded: use left/right
- > Rugged
- > Spring-loaded
- > Quiet secure engagement of strike
- > Material: Brass

Finish	Item No.
brass	245.74.000
chrome-plated	245.74.200

→ Economy



- > Screw mounted
- > Stamped steel
- > Oblong adjustment hole
- > Spring-loaded
- > Material: Steel

Finish	Item No.
bronzed	245.70.107
brass-plated	245.70.509

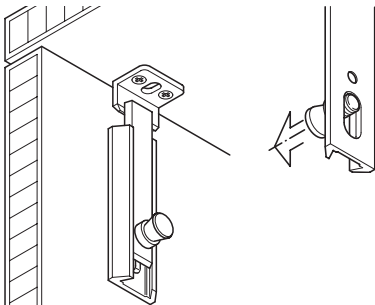
Dimensional data not binding. Dimensions in mm, inches are approximate. We reserve the right to alter specifications without notice.

Flat head screws	pages 13.7–13.8, 13.10, 13.13
Pan head screws	pages 13.9–13.10

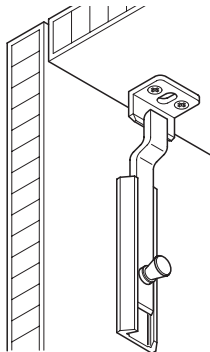
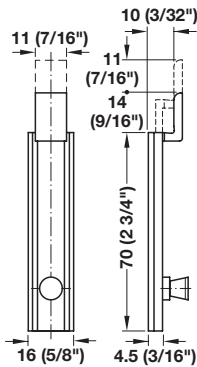
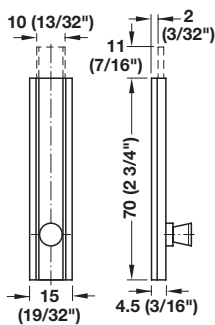
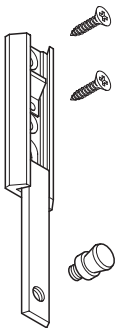
Threaded Furniture Bolts

Mounting directions

1. Unscrew the threaded knob so that the screw holes are exposed.



2. The guide can now be installed. Return the slide and screw into place.



- > Concealed screw holes
- > Straight slide
- > Material: Solid Brass

Finish

chrome matte

Item No.

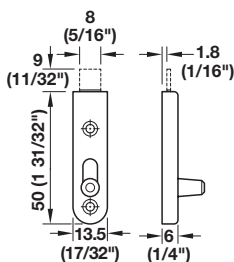
252.01.647

Finish

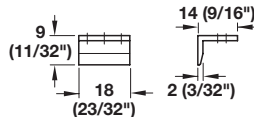
chrome polished

Item No.

252.02.644



→ Strike



- > Plain bracket with 3 screw holes
- > Material: Brass

Finish

nickel-plated

Item No.

251.60.703

- > Straight slide
- > Screw mounted
- > Material: Steel

Finish

nickel-plated

Item No.

251.01.115