Corbin Russwin

ASSA ABLOY

Specialty Hardware







Table of Contents

Specialty Hardware

Table of Contents

ML2000 Mortise Lock with Behavioral Health Lever Trim (BLSS)
Features 3
Cylinders 4
Strikes/Kits 5
How to Order 6
Quick Codes 7
Options 7

ML2000 and ML20900 Series Mortise Lock with Push/Pull Paddle Trim (HPSK)
ML2000 Features 8
ML20900 Features 9
Cylinders 10
Strikes/Kits 11
ML20900 Options 12-13
How to Order 14
Quick Codes 15-16

HP3000 Series Tubular Lock with Push/Pull Paddle Trim
Features 17
Functions 18
Strikes/Kits 19
How to Order/Quick Codes 20

Anti-Harm Knob
Features 21
How to Order/Quick Codes 22

HL10 Series
Features/Functions 23
Strikes/Latchbolts 24
How to Order/Quick Codes 24

Architectural Specifications 25

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Features

ML2000 and ML20900 Mortise Locks with BLSS Trim*

Part of the Behavioral Health Series™, the ML2000 mortise lock with BLSS trim offers durability and strength in behavioral healthcare settings. With a variety of available functions, it is flexible enough to use in many applications, and the sloped surfaces and overlapping lever and rose construction address common concerns in behavioral health.



Features

Door Thickness
1-3/4" (44mm) standard.
Optional door thicknesses available; see Quick Codes, page 12.

Backset
2-3/4" (70mm).

Lockcase
Heavy-gauge steel, 5-7/8" (149mm) x 4" (102mm) x 15/16" (24mm).

Front
Heavy-gauge steel, 8" (203mm) x 1-1/4" (32mm) x -3/32" (2mm). Accommodates flat doors and doors beveled 1/8" (3mm) in 2" (51mm).

Armored Front
Wrought stainless steel attached by machine screws to lockcase front. Utilizes security Torx® screws. Torx® screws come standard.

Latchbolt
2-piece mechanical with anti-friction insert, 5/8" (16mm) x 1" (25mm) x 3/4" (19mm) throw.

Auxiliary Latchbolt
9/16" (14mm) effective throw and 3/8" (10mm) effective auxiliary latch deadlocking.

Deadbolt
One-piece stainless steel, 19/32" (15mm) x 1-1/4" (32mm) x 1" (25mm) throw.

Hub
Lever: steel, 5/16" (8mm).

Lever
Cast stainless steel.

Rose
Cast stainless steel.

Strike
Wrought stainless steel, ANSI straight lip standard, 4-7/8" (124mm) x 1-1/4" (32mm) x 1-1/8" (29mm) lip to center.
Optional strikes, lip lengths and ANSI wrought strike box available; see Quick Codes, page 12.

Cylinder
Brass, 6-pin, L4 keyway, 0-bitted standard.
Optional cylinders available; see Quick Codes, page 9.

Keys
Two nickel silver standard.

Keying Features Available
Master keying
Construction master keying
Visual key control
Concealed key control
7-pin cylinder
Security cylinder
Pyramid cylinder
Interchangeable core (IC)
Security IC
Pyramid IC
Blockout cylinder

Electrical Specifications (Fail Safe/Fail Secure)
12VAC/VDC @ 800mA
24VAC/VDC @ 390mA
Continuous duty solenoid.
Monitor Switch Rating: 4 amp @ 250 VAC
Note: Operating voltage not to exceed +/- 10%.
See Quick Codes, page 12.

Functions
Available with all ML20900 electrified mortise lock functions. Refer to the ML2000 mortise lock catalog (45300) for the available functions and descriptions.

Monitor Options
M91 - Latchbolt Monitor
Latchbolt monitoring is a SPDT switch which monitors the full extension of the main latch.
M92 - Request to Exit Monitor
Request to Exit monitoring is a SPDT switch which monitors the activation of the trim. (Both levers activate switch)
M105 - Security Monitor
Security Monitor is two switches in series that monitors lock status (locked or unlocked) and Auxiliary Latch position.

Note: Monitoring options may only be ordered together as follows: M91xM92, M92xM105.

Functions
Available with the following functions: 2010, 2022, 2024, 2030, 2032, 2042, 2054, 2052, 2055, 2057, 2060, 2062, 2065, 2067, 2069, 20902, 20903, 20905 and 20912.

Warranty
Ten-year limited.

Certification/Compliance

ANSI
Meets A156.13 Series 1000, Operational and Security Grade 1.
Meets A117.1 Accessibility Code.

Federal
Meets FF-H-106C.

UL/ULC-UL10C Positive Pressure
All locks listed for A label and lesser class doors, 4' (122cm) x 10' (305cm) single or 8' (244cm) x 10' (305cm) pair.
Letter F and UL symbol on armored front indicate listing.

Any retrofit or other field modification to a fire rated opening can potentially impact the fire rating of the opening, and Corbin Russwin, Inc. makes no representations or warranties concerning what such impact may be in any specific situation. When retrofitting any portion of an existing fire-rated opening, or specifying and installing a new fire-rated opening, please consult with a code specialist or local code official (Authority Having Jurisdiction) to ensure compliance with all applicable codes and ratings.

**Although this product is better designed for behavioral health applications than traditional trim, it does not eliminate the risk that an object can be affixed to, or around it.*

Cylinders

ML2000 and ML20900 Mortise Locks with BLSS Trim

Cylinders

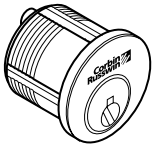
Conventional (standard for ML2000)
Pyramid (optional)

2 nickel silver keys
Finishes: See Key Systems and Pyramid catalogs.

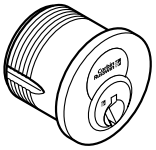
Pyramid



Conventional



Interchangeable Core (I.C.)



Pyramid Shown

Mortise Cylinder Type	Quick Code	Hotel Function	42 (inside) 52, 53, 55, 56, 58, 69 Functions	All Other Keyed and 42 (outside)Functions
Pyramid HS	PHS	N/A	1020-114-A02	1020-114-A01
Pyramid HS IC	PCHS	N/A	1030-114-A02	1030-114-A01
Pyramid Security	PS	N/A	1027-114-A02	1027-114-A01
Pyramid Security IC	PCS	N/A	1037-114-A02	1037-114-A01
Conventional 6-pin	N/A	1001-114-A01	1000-118-A02	1000-118-A01
Conventional 7-pin	7P	N/A	1000-114-A02-7	1000-114-A01-7
6-pin IC	C6	1081-138-A01	1080-114-A02	1080-114-A01
7-pin IC	C7	N/A	1080-112-A02-7	1080-112-A01-7
Security	HS	1011-114-A01	1010-118-A02	1010-118-A01
Security IC	CHS	1091-138-A01	1090-114-A02	1090-114-A01
Blockout	BO	N/A	1012-114-A02	1012-114-A01

To order optional cylinder with lockset, see Quick Codes, page 12.
To order cylinder separately, specify Part No. x Keyway x Finish (e.g., 1000-118-A01 x L4 x 626).

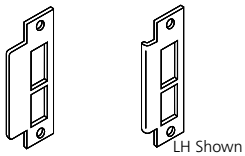
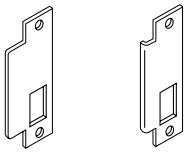
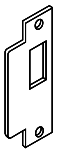
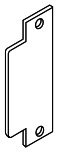
Strikes

ANSI Straight Lip (standard)

Stainless steel
Non-handed
4-7/8" (124mm) x 1-1/4" (32mm) x 1-1/8" (29mm) lip to center (standard)
Optional lip lengths: 1-1/8" (29mm), 1-1/4" (32mm), 1-3/8" (35mm), 1-1/2" (38mm), 1-3/4" (44mm), 2" (51mm), 2-1/4" (57mm), 2-1/2" (64mm), 2-3/4" (70mm), 3" (76mm)

ANSI Curved Lip

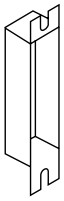
Stainless steel
Handed
4-7/8" (124mm) x 1-1/4" (32mm) x 1-1/4" (32mm) lip to center (standard)
Optional lip lengths: 1-3/8" (35mm), 1-1/2" (38mm), 1-3/4" (44mm), 2" (51mm), 2-1/4" (57mm), 2-1/2" (64mm), 2-3/4" (70mm), 3" (76mm)

	Part No.	Description
Note: Only Available with ML2000  LH Shown Latchbolt x Deadbolt	236L72	Straight Lip
	340L60	Curved Lip for RH/LHR
	340L61	Curved Lip for LH/RHR
 LH Shown Latchbolt Only	236L73	Straight Lip
	340L62	Curved Lip for RH/LHR
	340L63	Curved Lip for LH/RHR
 Deadbolt Only	236L74	Straight Lip
 Blank Filler Plate	236L70	Straight Lip

To order strike with lockset, see How to Order, page 11.
To order strike separately, specify Part No. x Lip Length x Finish (e.g., 340L60 x 1-1/2" x 626).

ANSI Wrought Strike Box

To order with lockset, see Quick Codes, page 12.
To order separately, specify 120F76.

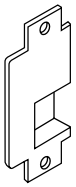


Open Back

Size: 5-1/4" (133mm) x 1/4" (32mm).

Hand	Door Thickness	Part
LHR	1-3/4" (44mm)	411L63 016
	2" (51mm)	411L63 018
	2-1/4" (57mm)	411L63 020
RHR	1-3/4" (44mm)	411L62 016
	2" (51mm)	411L62 018
	2-1/4" (57mm)	411L62 020

To order with lockset, see Quick Codes, page 12. To order separately, specify Part No. x Door Thickness x Finish (e.g., 411L62 x 2" x 626).

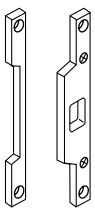


Rabbeted Front and Strike

Brass or bronze
For 1/2" (13mm) rabbet
No optional lip lengths

	Part No.	Hand
Latchbolt x Deadbolt	318F66 318F69	RH/LHR LH/RHR
Latchbolt only	318F64 318F67	RH/LHR LH/RHR
Deadbolt only	318F65 318F68	RH/LHR LH/RHR

To order with lockset, see Quick Codes, page 12.
To order separately, specify Part No. x Finish (e.g., 318F66 x 626).



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How to Order

ML2000 and ML20900 Mortise Locks with BLSS Trim

Ordering Examples - ML2000

Stock Order

Quantity	Series/Function	Trim	Finish	Hand
100	ML2010	BLSS	630	RHR
50	ML2055	BLSS	630	LHR

Contract / Detailed Order

Quantity	Keyset	Series/ Function	Trim	Finish	Hand	Door Thickness	Optional Strike	Misc. Options	Optional Cylinder	Keying
24	AA1	ML2055	BLSS	630	RHR	D214	SA200	M17-M26	C7	VKC3

Quantity	Keyset	Series/ Function	Trim	Finish	Hand	Door Thickness	Optional Strike	Misc. Options	Optional Cylinder	Keying
12	AA1	ML2051	BLSS	630	LHR	D214	SS200	M07	C6	VKC1

Ordering Examples - ML20900

Stock Order

Quantity	Series/Function	Trim	Finish	Hand	Voltage	Misc. Options	Keying
100	ML20901	BLSS	630	RHR	12AD	M105	VKC3

Contract / Detailed Order

Quantity	Keyset	Series/Function	Trim	Finish	Hand	Voltage	Misc. Options	Optional Cylinder	Keying
24	AA1	ML20904	BLSS	630	RHR	12AD	M20	7P	VKC3

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Quick Codes

ML2000 and ML20900 Mortise Locks with BLSS Trim

Cylinder and Keying

Description	Specify
Conventional 6-pin	(standard)
Conventional 7-pin	7P
Less cylinder(s)	LC
IC 6-pin	C6
IC 6-pin with temporary construction core	
Red	CT6R
Blue	CT6B
Green	CT6G
IC 6-pin less core	CL6
SFIC 6-pin with SFIC disposable temporary core	CT6SD
SFIC 6-pin with Less Core[1]	CLS6
IC 7-pin	C7
IC 7-pin with temporary construction core	
Red	CT7R
Blue	CT7B
Green	CT7G
IC 7-pin less core	CL7
SFIC 7-pin with SFIC disposable temporary core	CT7SD
SFIC 7-pin with Less Core[1]	CLS7
Security	HS
Security IC	CHS
Pyramid High Security Fixed Core	PHS
Pyramid High Security IC	PCHS
Pyramid IC Less Core	CLP
Pyramid with temporary construction core	CTP
Pyramid Security	PS
Pyramid Security IC	PCS
Pyramid Disposable Core	CTPD
6-Pin Disposable Core	CT6D
7-Pin Disposable Core	CT7D
Blockout function cylinder	BO
Keyed random	KR
Construction master keyed (not available for Pyramid)	CMK
Visual key control	
- No keying data stamped on key or cylinder	VKC0
- Keys only	VKC1
- Cylinders and keys (not for HS, CHS, PHS or PCHS)	VKC2
- Cylinders only (not for HS, CHS, PHS or PCHS)	VKC3
Concealed key control (CKC)	
- CKC cylinders with VKC keys	CKC2
- CKC cylinders only (not for PHS or PCHS)	CKC3
2 keys per lock More than 2 keys	(standard) KY# (e.g., KY6)

1. Not available with ML2029.
2. Not available for ML2017, ML2029 or ML2032 x MR, ML2000HS or ML2000VR.

Finishes

Description		Specify
BHMA 629 (US32)	Bright Stainless Steel	629
BHMA 630 (US32D)	Satin Stainless Steel	630
630C	Satin Stainless Steel with MicroShield®	630C

Door Thickness

Door Thickness	Sectional Trim - Specify	Escutcheon* Trim - Specify
1-3/4"(44mm)	(standard)	(standard)
2" (51mm)	D200	D200
2-1/4" (57mm)	D214	D214

Strikes

Available for ML2000HS and ML2000VR

ANSI Lip to Center	ANSI Straight Lip Specify	Curved Lip Specify
1-1/8" (29mm)	(standard)	SA118
1-1/4" (32mm)	SS114	SA114
1-3/8" (35mm)	SS138	SA138
1-1/2" (38mm)	SS112	SA112
1-3/4" (44mm)	SS134	SA134
2" (51mm)	SS200	SA200
2-1/4" (57mm)	SS214	SA214
2-1/2" (64mm)	SS212	SA212
2-3/4" (70mm)	SS234	SA234
3" (76mm)	SS300	SA300

Open Back Strike	Door Thickness	Specify
	1-3/4" (44mm)	SB134
	2" (51mm)	SB200
	2-1/4" (57mm)	SB214
Rabbeted front and strike	–	Specify SR118

Miscellaneous Options

Description	Specify
Torx® head screws	(standard)
ANSI wrought strike box	M17
Working trim only	M31
Latch hold back (for ML2042, ML2052, ML2055, ML2051, ML2057 only)	LHB*

* Must use A02 cam when LHB is specified

Electric Monitor Options (ML20900 Series Only)

Description	Specify
Latchbolt Monitor	M91
Request to Exit	M92
Security Monitor	M105

These options may be ordered together only as follows: M91xM92, M92xM105.

Voltage

Description	Specify
12 volt alternating current/direct current	12AD
24 volt alternating current/direct current	24AD

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Features

ML2000 Mortise Lock with Push/Pull Paddle Trim (HPSK)

The ML2000 mortise lock with push/pull paddle trim provides an aesthetically pleasing alternative to products with standard push/pull trim. Its heavy-duty design and ANSI/BHMA Grade1 strength help it to withstand abuse from rigorous environments. Multiple mounting orientations, hands free operation and a sleek, aesthetic form, make the ML2000 mortise lock ideal for use in healthcare facilities and educational facilities.



U.S. Patent Numbers: D646,548S; D646,549S

Features

Handing
Handed; quick reversible. The lockset can be re-handed without disassembling the lock case.

Door Thickness
1-3/4" (44mm) standard.
Optional door thicknesses available; see Quick Codes, pages 20-21.

Backset
2-3/4" (70mm).

Lockcase
Heavy-gauge steel, 5-7/8" (149mm) x 4" (102mm) x 15/16" (24mm).

Front
Heavy-gauge steel, 8" (203mm) x 1-1/4" (32mm) x -3/32" (2mm). Accommodates flat doors and doors beveled 1/8" (3mm) in 2" (51mm).

Armored Front
Wrought brass, bronze or stainless steel attached by machine screws to lockcase front.

Latchbolt
2-piece mechanical with anti-friction insert, 5/8" (16mm) x 1" (25mm) x 3/4" (19mm) throw.

Auxiliary Latchbolt
9/16" (14mm) effective throw and 3/8" (10mm) effective auxiliary latch deadlocking.

Deadbolt
One-piece stainless steel, 19/32" (15mm) x 1-1/4" (32mm) x 1" (25mm) throw.

Hub
Lever: steel, 5/16" (8mm).

Strike
Wrought brass, bronze or stainless steel, ANSI straight lip standard, 4-7/8" (124mm) x 1-1/4" (32mm) x 1-1/8" (29mm) lip to center. Optional strikes, lip lengths and ANSI wrought strike box available; see Quick Codes, pages 20-21.

Cylinder
Brass, 6-pin, L4 keyway, 0-bitted standard.
Optional cylinders available; see Quick Codes, pages 20-21.

Keys
Two nickel silver standard.

Keying Features Available
Master keying
Construction master keying
Visual key control
Concealed key control
7-pin cylinder
Security cylinder
Pyramid cylinder
Interchangeable core (IC)
Security IC
Pyramid IC
Blockout cylinder

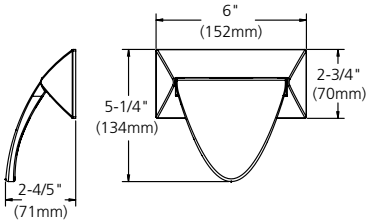
Functions
Available with all ML2000 functions except ML2050, 2070 and 2080.

Covers
Cast stainless steel or bronze.

Paddles
Cast stainless steel or bronze. Non-handed.

Mounting Options
Paddle trim can be mounted as horizontal (up or down) and vertical (sideways) orientations in the field.

Cover and Paddle Dimensions



Warranty
Ten-year limited.

Certification/Compliance

ANSI
Meets A156.13 Series 1000, Operational and Security Grade 1.
Meets A117.1 Accessibility Code.

Federal
Meets FF-H-106C.

UL/ULC-UL10C Positive Pressure
All locks listed for A label and lesser class doors, 4' (122cm) x 10' (305cm) single or 8' (244cm) x 10' (305cm) pair.
Letter F and UL symbol on armored front indicate listing.

Any retrofit or other field modification to a fire rated opening can potentially impact the fire rating of the opening, and Corbin Russwin, Inc. makes no representations or warranties concerning what such impact may be in any specific situation. When retrofitting any portion of an existing fire-rated opening, or specifying and installing a new fire-rated opening, please consult with a code specialist or local code official (Authority Having Jurisdiction) to ensure compliance with all applicable codes and ratings.

ML20900 Electrified Mortise Lock with Push/Pull Paddle Trim (HPSK)

Features

Handing
Handed; quick reversible. The lockset can be re-handed without disassembling the lockcase.

Door Thickness
1-3/4" (44mm) standard. Optional door thicknesses available; see Quick Codes, page 15.

Backset
2-3/4" (70mm).

Lockcase
Heavy-gauge chrome plated steel, 5-7/8" (149mm) x 4" (102mm) x 15/16" (24mm).

Front
Heavy gauge steel, 8" (203mm) x 1-1/4" (32mm) x 3/32" (2mm).
Accommodates flat doors and doors beveled 1/8" (3mm) in 2" (51mm).

Armored Front
Wrought brass, bronze or stainless steel attached by machine screws to lockcase front.

Latchbolt
2-piece mechanical anti-friction insert, 5/8" (16mm) x l" (25mm) x 3/4" (19mm) throw.

Auxiliary Latchbolt
9/16" (14mm) effective throw and 3/8" (10mm) effective auxiliary latch deadlocking.

Hub
Lever: steel, 5/16" (8mm).

Strike
Wrought brass, bronze or stainless steel ANSI straight lip standard, 4-7/8" (124mm) x 1-1/4" (32mm) x 1-1/8'' (29mm) lip to center. Optional strikes, lip lengths and ANSI wrought strike box available; see Quick Codes, pages 20-21.

Cylinder
Brass, 6-pin, L4 keyway, 0-bitted standard. Optional cylinders available; see Quick Codes, page 15.

Keys
Two nickel silver standard.

Electrical Specifications (Fail Safe/Fail Secure)
12VAC/VDC @ 800mA
24VAC/VDC @ 390mA
Continuous duty solenoid.
Monitor Switch Rating: 4 amp @ 250 VAC
Note: Operating voltage not to exceed +/- 10%.
See Quick Codes, pages 20-21.

Functions
Available with all ML20900 electrified mortise lock functions. Refer to the ML2000 mortise lock catalog (45300) for the available functions and descriptions.

Monitor Options
M91 - Latchbolt Monitor
Latchbolt monitoring is a SPDT switch which monitors the full extension of the main latch.
M92 - Request to Exit Monitor
Request to Exit monitoring is a SPDT switch which monitors the activation of the trim. (Both levers activate switch)
M105 - Security Monitor
Security Monitor is two switches in series that monitors lock status (locked or unlocked) and Auxiliary Latch position.

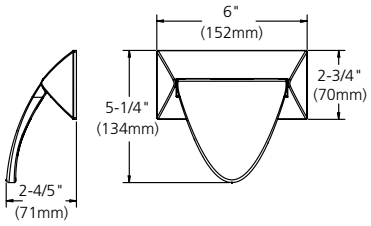
Note: Monitoring options may only be ordered together as follows: M91xM92, M92xM105.

Covers
Cast stainless steel or bronze.

Paddles
Cast stainless steel or bronze.
Non-handed.

Mounting Options
Paddle trim can be mounted as horizontal (up or down) and vertical (sideways) orientations in the field.

Cover and Paddle Dimensions



Warranty
Ten-year limited warranty on ML2000 mortise lockset. Two-year limited warranty on electronic components.

Certification/Compliance

ANSI
Meets A156.13 Series 1000, operational Grade 1.
Meets A117.1 Accessibility Code.

Federal
Meets FF-H-106C.

UL /ULC
All locks listed for A label and lesser class doors, 4' x 10' single or 8' x 10' pair. Letter F and UL symbol on armored front indicate listing. Meets requirements of UL1034.

Any retrofit or other field modification to a fire rated opening can potentially impact the fire rating of the opening, and Corbin Russwin, Inc. makes no representations or warranties concerning what such impact may be in any specific situation. When retrofitting any portion of an existing fire-rated opening, or specifying and installing a new fire-rated opening, please consult with a code specialist or local code official (Authority Having Jurisdiction) to ensure compliance with all applicable codes and ratings.

Cylinders

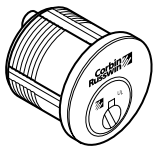
ML2000 and ML20900 Mortise Locks with Push/Pull Paddle Trim (HPSK)

Cylinders

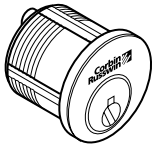
Conventional (standard for ML2000)
Pyramid (optional)

2 nickel silver keys
Finishes: See Key Systems and Pyramid catalogs.

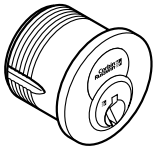
Pyramid



Conventional



Interchangeable Core (I.C.)



Pyramid Shown

Mortise Cylinder Type	Quick Code	Hotel Function	42 (inside) 52, 53, 55, 56, 58, 69 Functions	All Other Keyed and 42 (outside)Functions
Pyramid HS	PHS	N/A	1020-114-A02	1020-114-A01
Pyramid HS IC	PCHS	N/A	1030-114-A02	1030-114-A01
Pyramid Security	PS	N/A	1027-114-A02	1027-114-A01
Pyramid Security IC	PCS	N/A	1037-114-A02	1037-114-A01
Conventional 6-pin	N/A	1001-114-A01	1000-118-A02	1000-118-A01
Conventional 7-pin	7P	N/A	1000-114-A02-7	1000-114-A01-7
6-pin IC	C6	1081-138-A01	1080-114-A02	1080-114-A01
7-pin IC	C7	N/A	1080-112-A02-7	1080-112-A01-7
Security	HS	1011-114-A01	1010-118-A02	1010-118-A01
Security IC	CHS	1091-138-A01	1090-114-A02	1090-114-A01
Blockout	BO	N/A	1012-114-A02	1012-114-A01

To order optional cylinder with lockset, see Quick Codes, pages 20-21.
To order cylinder separately, specify Part No. x Keyway x Finish
(e.g., 1000-118-A01 x L4 x 626).

ML2000 and ML20900 Mortise Locks with Push/Pull Paddle Trim (HPSK)

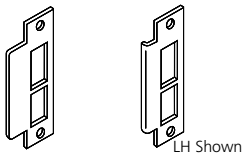
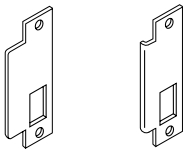
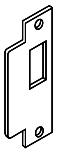
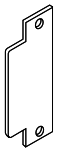
Strikes

ANSI Straight Lip (standard)

Brass, bronze or stainless steel
Non-handed
4-7/8" (124mm) x 1-1/4" (32mm) x 1-1/8" (29mm) lip to center (standard)
Optional lip lengths: 1-1/8" (29mm), 1-1/4" (32mm), 1-3/8" (35mm), 1-1/2" (38mm), 1-3/4" (44mm), 2" (51mm), 2-1/4" (57mm), 2-1/2" (64mm), 2-3/4" (70mm), 3" (76mm)

ANSI Curved Lip

Brass, bronze or stainless steel
Handed
4-7/8" (124mm) x 1-1/4" (32mm) x 1-1/4" (32mm) lip to center (standard)
Optional lip lengths: 1-3/8" (35mm), 1-1/2" (38mm), 1-3/4" (44mm), 2" (51mm), 2-1/4" (57mm), 2-1/2" (64mm), 2-3/4" (70mm), 3" (76mm)

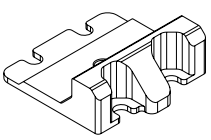
	Part No.	Description
Note: Only Available with ML2000  Latchbolt x Deadbolt LH Shown	236L72	Straight Lip
	340L60	Curved Lip for RH/LHR
	340L61	Curved Lip for LH/RHR
 Latchbolt Only LH Shown	236L73	Straight Lip
	340L62	Curved Lip for RH/LHR
	340L63	Curved Lip for LH/RHR
 Deadbolt Only	236L74	Straight Lip
 Blank Filler Plate	236L70	Straight Lip

To order strike with lockset, see How to Order, page 19.
To order strike separately, specify Part No. x Lip Length x Finish (e.g., 340L60 x 1-1/2" x 626).

Kits

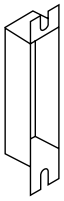
Positive Pull Stop Kit

Used on openings where weather stripping is installed or when door closers are not utilized, this kit prevents the latch from retracting when pulling door closed. Contains 2 wood screws, 2 machine screws and instructions. To order, specify 813F068.



ANSI Wrought Strike Box

To order with lockset, see Quick Codes, pages 20-21.
To order separately, specify 120F76.

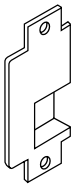


Open Back

Size: 5-1/4" (133mm) x 1/4" (32mm).

Hand	Door Thickness	Part
LHR	1-3/4" (44mm)	411L63 016
	2" (51mm)	411L63 018
	2-1/4" (57mm)	411L63 020
RHR	1-3/4" (44mm)	411L62 016
	2" (51mm)	411L62 018
	2-1/4" (57mm)	411L62 020

To order with lockset, see Quick Codes, pages 20-21. To order separately, specify Part No. x Door Thickness x Finish (e.g., 411L62 x 2" x 626).

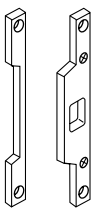


Rabbeted Front and Strike

Brass or bronze
For 1/2" (13mm) rabbet
No optional lip lengths

	Part No.	Hand
Latchbolt x Deadbolt	318F66 318F69	RH/LHR LH/RHR
Latchbolt only	318F64 318F67	RH/LHR LH/RHR
Deadbolt only	318F65 318F68	RH/LHR LH/RHR

To order with lockset, see Quick Codes, pages 20-21.
To order separately, specify Part No. x Finish (e.g., 318F66 x 626).



Electrified Options & Accessories

ML20900 Mortise Lock with Push/Pull Paddle Trim (HPSK)

BPS Power Supply

Operation

Power supplies are designed to provide reliable filtered and regulated power for long life to a variety of electrified hardware components. All modular power supplies are designed to meet UL 1481 Standards. Recommended for the ML20900, delayed egress exit devices and electric trim.

Features

- Fire panel emergency release input
- PC Board mounted system LED indicator
- Regulated and filtered with input and output protection
- Battery charging is provided from a separate output terminal

Electrical Specifications

- Inputs: 115VAC @600mA
- Outputs: 12/24 VDC @ 1 Amp, 1.5 Amp or 4 Amp, Filtered and regulated output

Listings

- UL & cUL listed 1012 General Purpose Power Supply
- Fire & Burglar Alarm Power Supply Unit URT2
- Releasing device Accessory SYSW
- Access Control Systems Units ALVY
- Burglar Alarm Systems Power Supply APHY

Applications

- D – Delayed Egress
- M97 – Electric Dogging
- SAF – Fail Safe mortise device trim control
- SEC – Fail Secure mortise device trim control
- ML20900



Note: Batteries are not included with the BPS power supply

Model	Enclosure	Input	Output
BPS-24-1	12" (304mm) x 9" (229mm) x 4" (102mm)	115VAC, 50/60 Hz.	1 Amp @ 24 VDC
BPS-24-2	14" (356mm) x 14" (356mm) x 4" (102mm)	115VAC, 50/60 Hz.	2 Amp @ 24 VDC
BPS-24-4	15" (381mm) x 18" (457mm) x 6" (152mm)	115VAC, 50/60 Hz.	4 Amp @ 24VDC
BPS-12-1	12" (304mm) x 9" (229mm) x 4" (102mm)	115VAC, 50/60 Hz.	1 Amp @ 12 VDC
BPS-12-3	14" (356mm) x 14" (356mm) x 4" (102mm)	115VAC, 50/60 Hz.	3 Amp @ 12 VDC

Requirements for Electrical and Data Transfer

To answer the demand for "smart" electronic access control and locking solutions that require fast, easy, and cost-effective installation, ASSA ABLOY Group brands use the ElectroLynx® standardized plug-in connectors and color-coded wiring system.

With *ElectroLynx*, doorway components come pre-wired for easy hookup to the power source. The key to the system is the transfer device hinge that carries power from the frame to the locking hardware.

Features of ElectroLynx:

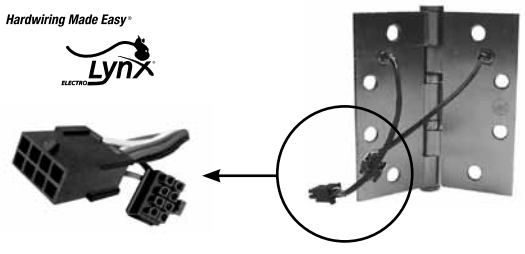
- Makes it easy to bring power to the locking hardware
- Wires have connectors that snap together, like plugging a telephone into a jack

To connect a ML20900 electrified mortise lock to the electronic access control system, the following items are required:

- ML20900 electrified mortise lock
- ASSA ABLOY Door Group pre-wired door, or *ElectroLynx* retrofit cable (order from McKinney)
- Electronic transfer device (*ElectroLynx* electronic transfer hinge or Electrical Power Transfer with standard hinge, from McKinney)
- *ElectroLynx* cable from the hinge to above the ceiling (order from McKinney)

Information regarding cable selection, hinge requirements and order strings can be found in the McKinney Transfer Device Solutions catalog. Consult 800-810-WIRE (9473) with questions on application specifications and requirements.

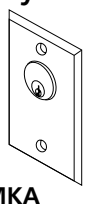
The McKinney QC8 ElectroLynx Hinge is recommended for all ML20900 functions and electrified options.



ML20900 Mortise Lock with Push/Pull Paddle Trim (HPSK)

Exit Controls and Switches

Key Switches



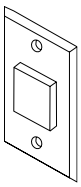
MKA

MKA - (1) SPDT Maintained
MK - (1) SPDT Momentary
MKN - (1) SPDT Momentary NS
MK2 - (1) DPDT Momentary
MKPZ x MKS - (1) SPDT Momentary with audio Double Gang x Additional Switch
Note: All key switches come standard with 12/24 VDC bi-color LED.

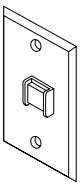
Specifications

- Keyswitch for operation using a standard 1-1/8" mortise cylinder (A02 cam) (cylinder not included).
- Contact Rating 5 Amps @ 12-24VDC
- SPDT 3-position.

Push Buttons



PB2



PB3

PB2 - (1) SPDT Momentary
PB2 - (1) DPST Remote Momentary
PB3 - (1) DPST Momentary
PB3A - (1) DPST Maintained (Alt. Action)
PB3EA - (1) DPST Alternate

Specifications

- 3 Amps @ 12-24 VDC

Indicator

ZLP - (1) Red and Green LED on narrow gang plate.

Audible/Visual Annunciators



PZ1

PZ1 - Sonalert 90db @ 2ft. 12-24VDC. Mounted on one gang stainless steel plate.

Digital Entry

DK-11 - Digital Keypad - 4 User
DK-26SS - Digital Keypad NS - 59 User - SS Finish
DK-26BK - Digital Keypad NS - 59 User - Black Finish

Power Transfers

TSB B-C - Door Cord

Corbin Russwin
ASSA ABLOY

How to Order

ML2000 and ML20900 Mortise Locks with Push/Pull Paddle Trim (HPSK)

Ordering Examples - ML2000

Stock Order

Quantity	Series/Function	Trim	Finish	Hand
100	ML2010	HPSK	630	RHR
50	ML2055	HPSK	630	LHR

Contract / Detailed Order

Quantity	Keyset	Series/ Function	Trim	Finish	Hand	Door Thickness	Optional Strike	Misc. Options	Optional Cylinder	Keying
24	AA1	ML2055	HPSK	630	RHR	D214	SA200	M17-M26	C7	VKC3

Quantity	Keyset	Series/ Function	Trim	Finish	Hand	Door Thickness	Optional Strike	Misc. Options	Optional Cylinder	Keying
12	AA1	ML2051	HPSK	630	LHR	D214	SS200	M07	C6	VKC1

Ordering Examples - ML20900

Stock Order

Quantity	Series/Function	Trim	Finish	Hand	Voltage	Misc. Options	Keying
100	ML20901	HPSK	630	RHR	12AD	M105	VKC3

Contract / Detailed Order

Quantity	Keyset	Series/Function	Trim	Finish	Hand	Voltage	Misc. Options	Optional Cylinder	Keying
24	AA1	ML20904	HPSK	630	RHR	12AD	M20	7P	VKC3

Quick Codes

ML2000 and ML20900 Mortise Locks with Push/Pull Paddle Trim (HPSK)

Cylinder and Keying

Description	Specify
Conventional 6-pin	(standard)
Conventional 7-pin	7P
Less cylinder(s)	LC
IC 6-pin	C6
IC 6-pin with temporary construction core	
Red	CT6R
Blue	CT6B
Green	CT6G
IC 6-pin less core	CL6
SFIC 6-pin with SFIC disposable temporary core	CT6SD
SFIC 6-pin with Less Core[1]	CLS6
IC 7-pin	C7
IC 7-pin with temporary construction core	
Red	CT7R
Blue	CT7B
Green	CT7G
IC 7-pin less core	CL7
SFIC 7-pin with SFIC disposable temporary core	CT7SD
SFIC 7-pin with Less Core[1]	CLS7
Security	HS
Security IC	CHS
Pyramid High Security Fixed Core	PHS
Pyramid High Security IC	PCHS
Pyramid IC Less Core	CLP
Pyramid with temporary construction core	CTP
Pyramid Security	PS
Pyramid Security IC	PCS
Pyramid Disposable Core	CTPD
6-Pin Disposable Core	CT6D
7-Pin Disposable Core	CT7D
Blockout function cylinder	BO

Description	Specify
Keyed random	KR
Construction master keyed (not available for Pyramid)	CMK
Visual key control	
- No keying data stamped on key or cylinder	VKC0
- Keys only	VKC1
- Cylinders and keys (not for HS, CHS, PHS or PCHS)	VKC2
- Cylinders only (not for HS, CHS, PHS or PCHS)	VKC3
Concealed key control (CKC)	
- CKC cylinders with VKC keys	CKC2
- CKC cylinders only (not for PHS or PCHS)	CKC3
2 keys per lock More than 2 keys	(standard) KY# (e.g., KY6)

1. Not available with ML2029.
2. Not available for ML2017, ML2029 or ML2032 x MR, ML2000HS or ML2000VR.

Finishes

Description		Specify
BHMA 605 (US3)	Bright Brass	605
BHMA 606 (US4)	Satin Brass	606
BHMA 611 (US9)	Bright Bronze	611
BHMA 612 (US10)	Satin Bronze	612
BHMA 613 (US10B)	Dark Oxidized Satin Bronze, Oil Rubbed	613
613L	Dark Oxidized Satin Bronze, Clear Coated	613L
BHMA 618 (US14)	Bright Nickel Plated	618
BHMA 619 (US15)	Satin Nickel Plated	619
BHMA 629 (US32)	Bright Stainless Steel	629
BHMA 630 (US32D)	Satin Stainless Steel	630
630C	Satin Stainless Steel with MicroShield®	630C
BHMA 722 (US10A)	Black Oxidized Bronze, oil rubbed	722

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Quick Codes

ML2000 and ML20900 Mortise Locks with Push/Pull Paddle Trim (HPSK)

Miscellaneous Options

Description	Specify
Spanner head screws	M02
Torx® head screws	M04
ANSI wrought strike box	M17
Working trim only	M31
"PUSH & PULL" Identification**	M38
Latch hold back (for ML2042, ML2052, ML2055, ML2051, ML2057 only)	LHB*

*Must use A02 cam when LHB is specified
** Non-Handed

Handing

Hand	Specify
Right Hand	RH
Left Hand	LH
Right Hand Reverse	RHR
Left Hand Reverse	LHR

Electric Monitor Options (ML20900 Series Only)

Description	Specify
Latchbolt Monitor	M91
Request to Exit	M92
Security Monitor	M105

These options may be ordered together only as follows:
M91xM92, M92xM105.

Voltage

Description	Specify
12 volt alternating current/direct current	12AD
24 volt alternating current/direct current	24AD

Door Thickness

Door Thickness	Sectional Trim - Specify	Escutcheon* Trim - Specify
1-3/4"(44mm)	(standard)	(standard)
1-7/8"(48mm)	D178	D178
2" (51mm)	D200	D200
2-1/8" (54mm)	D218	D218
2-1/4" (57mm)	D214	D214

Strikes

Available for ML2000HS and ML2000VR

ANSI Lip to Center	ANSI Straight Lip Specify	Curved Lip Specify
1-1/8" (29mm)	(standard)	SA118
1-1/4" (32mm)	SS114	SA114
1-3/8" (35mm)	SS138	SA138
1-1/2" (38mm)	SS112	SA112
1-3/4" (44mm)	SS134	SA134
2" (51mm)	SS200	SA200
2-1/4" (57mm)	SS214	SA214
2-1/2" (64mm)	SS212	SA212
2-3/4" (70mm)	SS234	SA234
3" (76mm)	SS300	SA300
Open Back Strike	**Door Thickness**	**Specify**
	1-3/4" (44mm)	SB134
	2" (51mm)	SB200
	2-1/4" (57mm)	SB214
Rabbeted front and strike	–	Specify SR118

Electric Accessories

Description	Specify
Power supply 1.0 Amp @ 12 VDC output	BPS-12-1
Power supply 3.0 Amp @ 12 VDC output	BPS-12-3
Power supply 1.0 Amp @ 24 VDC output	BPS-24-1
Power supply 2.0 Amp @ 24 VDC output	BPS-24-2
Power supply 4.0 Amp @ 24 VDC output	BPS-24-4

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Features

HP3000 Series Tubular Lock with Push/Pull Paddle Trim

The HP3000 tubular Lock with push/pull paddle trim provides an aesthetically pleasing alternative to products with standard push/pull trim. Its heavy-duty design and ANSI/BHMA Grade1 strength help it to withstand abuse from rigorous environments. Multiple mounting orientations, hands free operation and a sleek, aesthetic form, make the HP3000 ideal for use in healthcare facilities and educational facilities.



U.S. Patent Numbers: D646,548S; D646,549S

Features

Handing
Passage (HP3010) function is non-handed.
Privacy (HP3020) function is handed. Specify hand.

Door Thickness
1-3/4" (44mm) standard.
Optional door thicknesses available; see Quick Codes, page 25.

Backset
5" (127mm) standard.
Optional: 2-3/4" (70mm) and 7" (177mm); see Quick Codes, page 25.

Latchbolt
Brass, 1/2" (13mm) throw

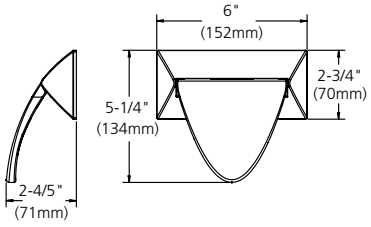
Strike
ANSI curved lip strike standard, 4-7/8" x 1-1/4" x 1-1/4" lip to center. Optional strikes, lip lengths and ANSI wrought strike box available; See Quick Codes, page 25.

Covers
Cast stainless steel or bronze

Paddles
Cast stainless steel or bronze

Mounting Options
Paddle trim can be mounted as horizontal (up or down) and vertical (sideways) orientations in the field.

Cover and Paddle Dimensions



Warranty
One-year limited

Certification/Compliance

ANSI
Meets A156.2 Series 1000 Grade 1.

UL/cUL
Listed for use on 3 hour fire doors (4' x 8' single and smaller doors). UL symbol on front stamped letter F indicates listing.

Any retrofit or other field modification to a fire rated opening can potentially impact the fire rating of the opening, and Corbin Russwin, Inc. makes no representations or warranties concerning what such impact may be in any specific situation. When retrofitting any portion of an existing fire-rated opening, or specifying and installing a new fire-rated opening, please consult with a code specialist or local code official (Authority Having Jurisdiction) to ensure compliance with all applicable codes and ratings.

ADA
Meets A117.1 Accessibility Code.

Functions

HP3000 Series Tubular Lock with Push/Pull Paddle Trim

Functions

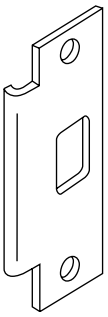
Series/Function	Type	Function Description
HP3010	Passage Set	• Both paddles retract latch • Ideal for patient rooms and closets
HP3020	Privacy Set	• Inside paddle always retracts latch • Outside paddle retracts latch, except when locked by inside push button • Closing door unlocks outside paddle • Includes emergency release • Vertical orientation required • Ideal for bathrooms

HP3000 Series Tubular Lock with Push/Pull Paddle Trim

Strikes

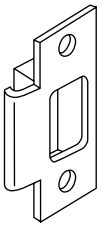
ANSI Curved Lip
(Standard)
Brass, bronze or stainless steel, 4-7/8" (124mm) x 1-1/4" (57mm) x 1-1/4" (57mm) lip to center.

To order with push/pull paddle trim, see Quick Codes, page 25. To order separately, specify 217L13 x Finish.



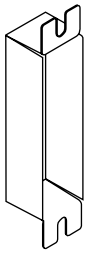
Curved Lip Box
(Optional)
Brass, 2-3/4" (70mm) x 1-1/8" (29mm) x 1-1/4" (57mm) lip to center.

To order with push/pull paddle trim, see Quick Codes, page 25. To order separately, specify 586L19 x Finish.



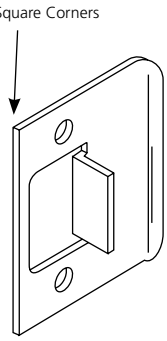
ANSI Wrought Strike Box
To order with push/pull paddle trim, see Quick Codes, page 25.

To order separately, specify 120F76.



Full Lip Strike (SF114)
Brass, 2-1/4" x 1-3/4" x 1-1/4" lip to center. No optional lip lengths.

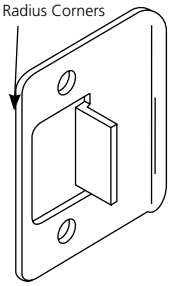
To order separately specify 680L50M020 x Finish.
Anti-rattle tab.



Full Lip Strike – 1/4" Radius Corners (SFR114)

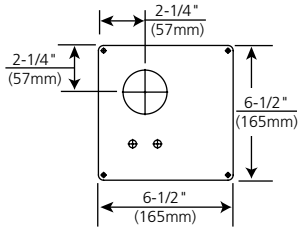
Brass, 2-1/4" x 1-3/4" x 1-1/4" lip to center. No optional lip lengths.

To order separately specify 680L51M020 x Finish.
Anti-rattle tab.

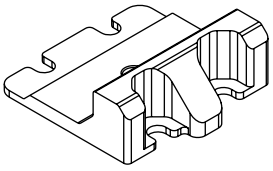


Kits

Kit for Retrofitting HP3000 Push/Pull Paddle Trim
Use to cover prep from HL10 series push/pull trim and other manufacturer's trim, when retrofitting HP3000 trim. Contains 2 retrofit plates and 8 screws. Available in 630 finish only. To order, specify 791F39.



Positive Pull Stop Kit
Used on openings where weather stripping is installed or when door closers are not utilized, this kit prevents the latch from retracting when pulling door closed. Contains 2 wood screws, 2 machine screws and instructions. To order, specify 813F068.



Corbin Russwin
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How to Order/Quick Codes

HP3000 Series Tubular Lock with Push/Pull Paddle Trim

Ordering Examples

Stock Order

Quantity	Series/Function	Trim	Finish	Hand
12	HP3010	HPSK	630	RH

Contract / Detailed Order

Quantity	Series/Function	Trim	Finish	Hand*	Optional Strike	Misc. Options
12	HP3020	HPSK	630	RH	SA214	M38

*** Note: Passage (HP3010) function is non-handed and privacy (HP3020) function is handed.**

Miscellaneous Options

Description	Specify
Spanner head screws	M02
Torx® head screws	M04
Hex head screws	M05
Latch front, rounded corners	M13
ANSI wrought strike box	M17
Lead lining. Specify Push or Pull side.	M28
"PUSH & PULL" Identification*	M38

***Non-Handed.**

Backset (5" - Standard)

Description	Specify
5" (127mm)	(standard)
2-3/4" (70mm)	B234
7" (177mm)	B700

Door Thickness

Description	Specify
1-3/4" (44mm)	(standard)
2" (51mm)	D200
2-1/4" (57mm)	D214

Strikes

Lip to Center	ANSI Curved Lip, Specify	Curved Lip Box, Specify	Full Lip, Specify
1" (25mm)	SA100	SC100	N/A
1-1/8" (29mm)	SA118	SC118	N/A
1-1/4" (32mm)	(standard)	SC114	SF114**
1-3/8" (35mm	SA138	SC138	N/A
1-1/2" (38mm)	SA112	SC112	N/A
1-3/4" (44mm)	SA134	SC134	N/A
2" (51mm)	SA200	SC200	N/A
2-1/4" (57mm)	SA214	SC214	N/A
2-1/2" (28mm)	SA212	SC212	N/A
2-3/4" (70mm)	SA234	SC234	N/A
3" (76mm)	SA300	SC300	N/A

****Specify SFR114 for rounded corner.**

Finishes

Description		Specify
BHMA 605 (US3)	Bright Brass	605
BHMA 606 (US4)	Satin Brass	606
BHMA 611 (US9)	Bright Bronze	611
BHMA 612 (US10)	Satin Bronze	612
BHMA 613 (US10B)	Dark Oxidized Satin Bronze, Oil Rubbed	613
613L	Dark Oxidized Satin Bronze, Clear Coated	613L
BHMA 618 (US14)	Bright Nickel Plated	618
BHMA 619 (US15)	Satin Nickel Plated	619
BHMA 629 (US32)	Bright Stainless Steel	629
BHMA 630 (US32D)	Satin Stainless Steel	630
630C	Satin Stainless Steel with MicroShield®	630C
BHMA 722 (US10A)	Black Oxidized Bronze, oil rubbed	722

Features/Functions

Anti-Harm Knob (HSS)

The anti-harm knob is designed for safety and security by eliminating catch points with a tapered knob recessed into the rose, a tapered thumbturn (for mortise lock thumbturn functions) with Torx® pin security screws, tapered cylinder collars and concealed mounting screws. Available as sectional trim, the anti-harm knob features recessed finger holes for a better grip and the reliability of the ML2000 ANSI/BHMA grade 1 mortise lock. Ideal for psychiatric or detention facilities.



Features

Handing
Handed; quick reversible. The lockset can be re-handed without disassembling the lock case.

Door Thickness
1-3/4" (44mm) standard.
Optional door thicknesses available; see Quick Codes, page 27.

Backset
2-3/4" (70mm).

Lockcase
Heavy-gauge steel,
5-7/8" (149mm) x 4" (102mm) x 15/16" (24mm).

Front
Heavy-gauge steel, 8" (203mm) x 1-1/4" (32mm) x -3/32" (2mm). Accommodates flat doors and doors beveled 1/8" (3mm) in 2" (51mm).

Armored Front
Wrought brass, bronze or stainless steel attached by machine screws to lockcase front.

Latchbolt
2-piece mechanical with anti-friction insert, 5/8" (16mm) x 1" (25mm) x 3/4" (19mm) throw.

Auxiliary Latchbolt
9/16" (14mm) effective throw and 3/8" (10mm) effective auxiliary latch deadlocking.

Deadbolt
One-piece stainless steel, 19/32" (15mm) x 1-1/4" (32mm) x 1" (25mm) throw.

Hub
Lever: steel, 5/16" (8mm).

Strike
Wrought brass, bronze or stainless steel, ANSI straight lip standard, 4-7/8" (124mm) x 1-1/4" (32mm) x 1-1/8" (29mm) lip to center. Optional strikes, lip lengths and ANSI wrought strike box available; see Quick Codes, page 27.

Cylinder
Brass, 6-pin, L4 keyway, 0-bitted standard.
Brass, fixed 6-pin conventional fixed core cylinder, L4 keyway standard for ML2000HS.
Optional cylinders available; see Quick Codes, page 27.

Keys
Two nickel silver standard.

Keying Features Available
Master keying
Construction master keying
Visual key control
Concealed key control
7-pin cylinder
Security cylinder
Pyramid cylinder
Interchangeable core (IC)
Security IC
Pyramid IC
Blockout cylinder

Functions
Available with all ML2000 functions except ML2050, 2070 and 2080

Warranty
Ten-year limited.

Certification/Compliance

ANSI
Meets A156.13 Series 1000, Operational and Security Grade 1.

Federal
Meets FF-H-106C.
UL /ULC-UL10C Positive Pressure
All locks listed for A label and lesser class doors, 4' (122cm) x 10' (305cm) single or 8' (244cm) x 10' (305cm) pair. Letter F and UL symbol on armored front indicate listing.
Any retrofit or other field modification to a fire rated opening can potentially impact the fire rating of the opening, and Corbin Russwin, Inc. makes no representations or warranties concerning what such impact may be in any specific situation. When retrofitting any portion of an existing fire-rated opening, or specifying and installing a new fire-rated opening, please consult with a code specialist or local code official (Authority Having Jurisdiction) to ensure compliance with all applicable codes and ratings.

Windstorm/Hurricane
Certified (refer to local codes).

Finish

BHMA 606 (US4)	Satin Brass
BHMA 626 (US26D)	Satin Chromium Plated
626C	Satin Chromium Plated with MicroShield®

How to Order/Quick Codes

Anti-Harm Knob (HSS)

How to Order

Anti-Harm Knob (HSS) Trim – HSS Knob x HSS Knob

Quantity	Series/Function	Trim	Finish	Hand
6	ML2032	HSS	626	RH

Anti-Harm Knob (HSS) Trim – Lever Trim x HSS Knob

Quantity	Series/Function	Trim		Finish	Hand
		Outside	Inside		
6	ML2055	NSA	HSS	626C	RH

Miscellaneous Options

Description	Specify
ANSI wrought strike box	M17
Working trim only	M31
Latch hold back (for ML2042, ML2052, ML2055, ML2051, ML2057 only)	LHB*

*Must use A02 cam when LHB is specified

Door Thickness

Door Thickness	Sectional Trim - Specify	Escutcheon* Trim - Specify
1-3/4"(44mm)	(standard)	(standard)
1-7/8"(48mm)	D178	D178
2" (51mm)	D200	D200
2-1/8" (54mm)	D218	D218
2-1/4" (57mm)	D214	D214

Strikes

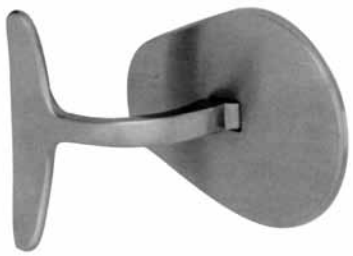
Available for ML2000HS and ML2000VR

ANSI Lip to Center	ANSI Straight Lip Specify	Curved Lip Specify
1-1/8" (29mm)	(standard)	SA118
1-1/4" (32mm)	SS114	SA114
1-3/8" (35mm)	SS138	SA138
1-1/2" (38mm)	SS112	SA112
1-3/4" (44mm)	SS134	SA134
2" (51mm)	SS200	SA200
2-1/4" (57mm)	SS214	SA214
2-1/2" (64mm)	SS212	SA212
2-3/4" (70mm)	SS234	SA234
3" (76mm)	SS300	SA300
Open Back Strike	**Door Thickness**	**Specify**
	1-3/4" (44mm)	SB134
	2" (51mm)	SB200
	2-1/4" (57mm)	SB214
Rabbeted front and strike	–	Specify SR118

Features/Functions

HL10 Series Push/Pull Latch

The HL10 series push/pull latch is designed to require only a light push or pull by fingertip, hand, forearm or elbow to operate. Developed to provide fast, smooth, safe door action in medical facilities, it may be used on any door requiring a push-pull function.



Features

Handing
Non-handed.

Door Thickness
1-3/4" (44mm) only.

Backset
5" (127mm).

Front
Wrought brass or bronze standard. 2-1/4" (57mm) x 1-1/8" (29mm). Accommodates doors beveled 1/8" (3mm) in 2" (51mm). Optional: flat front; see Quick Codes, page 29.

Latchbolt
Brass, chrome plated, 5/8" (16mm) throw. 5" Backset.

Strike
Wrought brass or bronze, curved lip box standard. 2-3/4" (70mm) x 1-1/8" (29mm) x 1-1/4" (32mm) lip to center. Optional ANSI strike and ANSI wrought strike box available; see Strikes, page 29.

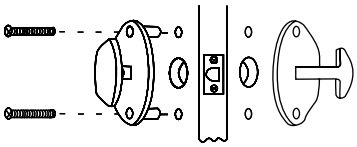
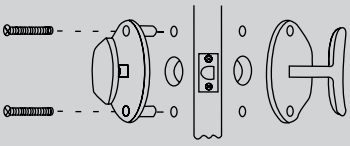
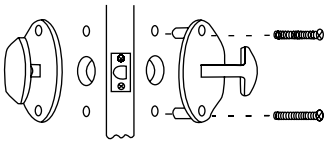
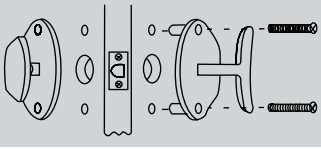
Certification/Compliance

UL
Listed for A label and lesser class single doors. Letter F and UL symbol on latch front indicate listing.

Finish

BHMA 612 (US10)	Satin Bronze
BHMA 625 (US26)	Bright Chromium Plated
BHMA 626 (US26D)	Satin Chromium Plated

Functions

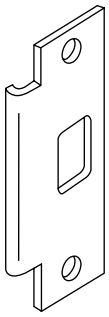
Push Pull	Series/Function	Function Description
	HL11	• Latchbolt by push or pull. • Exposed screws push side. • Standard pull lever.
	HL12	• Latchbolt by push or pull. • Exposed screws push side. • Large concave pull lever.
	HL13	• Latchbolt by push or pull. • Exposed screws pull side. • Standard pull lever.
	HL14	• Latchbolt by push or pull. • Exposed screws pull side. • Large concave pull lever.

Strikes/Latchbolts/How to Order/Quick Codes

HL10 Series Push/Pull Latch

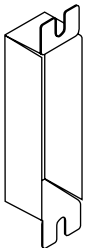
ANSI Curved Lip
(Optional)
Brass or bronze, 4-7/8" (124mm) x 1-1/4" (57mm) x 1-1/4" (57mm) lip to center. No optional lip lengths.

To order with push/pull latch, see Quick Codes, page 29. To order separately, specify 217L13 x Finish.



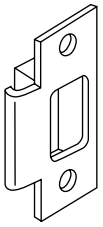
ANSI Wrought Strike Box
To order with push/pull latch, see Quick Codes, page 29.

To order separately, specify 120F76.

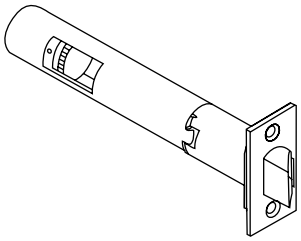


Curved Lip Box
(Standard)
Brass or bronze, 2-3/4" (70mm) x 1-1/8" (29mm) x 1-1/4" (57mm) lip to center. No optional lip lengths.

To order with push/pull latch, see Quick Codes, page 29. To order separately, specify 262F94 x Finish.



Latchbolts
5" backset with square corner faceplates. To order separately: for 2-1/4" (57mm) x 1-1/8" (29mm) beveled front, specify 488F82 x Finish. For 2-1/4" (57mm) x 1-1/8" (29mm) flat front, specify 488F83 x Finish.



Ordering Examples

Contract / Detailed Order

Quantity	Series/Function	Finish	Hand	Optional Strike	Misc. Options
12	HL12	626	RH	SA114	M38

Miscellaneous Options

Description	Specify
Flat front	M12
ANSI curved lip strike	SA114
ANSI wrought strike box	M17
Engraved "PUSH"*	M36
Engraved "PULL"*	M37
Engraved "PUSH & PULL"*	M38
Lead washer	M39

*Specify hand of door.

Finishes

Description		Specify
BHMA 612 (US10)	Satin Bronze	612
BHMA 625 (US26)	Bright Chromium Plated	625
BHMA 626 (US26D)	Satin Chromium Plated	626

ML2000 Series
Mortise Locks with BLSS Trim

1.1 AUXILIARY LOCKS

A. Behavioral Health, Mortise: ANSI/BHMA A156.13, Series 1000, Operational and Security Grade 1 mortise type manufactured to Office of Mental Health (OMH) requirements with behavioral health lever and rose trim. Locksets to be manufactured with a corrosion resistant, formed steel case. Levers and roses are manufactured from stainless steel material. Provide optional lead-lining (lock body), Torx® fasteners, and Antimicrobial coating as specified in Hardware Sets.

1. Acceptable Manufacturers:
    a. Sargent Manufacturing (SA) - 8200 BHL Series
    b. Corbin Russwin (RU) – ML2000 BLSS Series
    c. Best Lock (BE) – SPSL Series
    d. Town Steel (TS) – MRX-L Series

ML2000 and ML20900 Series (HPSK)
Mortise Locks with Push/Pull Paddle Trim

1. All locksets shall be ML2000 Series Mortise Locksets as manufactured by Corbin Russwin Architectural Hardware, Berlin, CT.
2. Locks shall meet or exceed the requirements of ANSI/BHMA A156.13 Series 1000, Operational Grade 1, and Security Grade 1 with all standard trims.
3. Locks shall be easily re-handed without opening the lock body.
4. Locks required for fire doors shall be listed by Underwriters Laboratories for ratings of A label (3 hours) and less, for doors up to 4'0" (1.2m) x 10'0" (3.05m) and pairs of doors 8'0" (2.4m) x 10'0" (3.05m)
5. Construction:
    a. Lock functions shall be manufactured in a single-sized case formed from 12 gauge steel minimum.
    b. Lock cases shall be closed on all sides and back.
    c. Locks shall have field adjustable, beveled, armored front, with a 1/8" (3mm) thickness minimum.
    d. Locks shall have a one piece, 3/4" (19mm) throw anti-friction stainless steel latch.
    e. Deadbolts, where specified, shall be full one inch (25mm) throw made of one-piece hardened stainless steel.
6. Lockset paddles shall be capable of horizontal or vertical mounting positions.
7. Locks shall have a 2-3/4" (70mm) backset, standard.
8. Strikes shall be non-handed with a curved lip.
9. Locks shall have brass 6-Pin cylinder, standard.
10. Locks shall have a 10 year limited warranty. 2 year limited warranty on electrified locks.

HP3000 Series
Tubular Lock with Push/Pull Paddle Trim

1. Tubular hospital locks shall be HP3000 series as manufactured by Corbin Russwin Architectural Hardware, Berlin, CT.
2. Locks shall meet or exceed requirements of ANSI/BHMA A156.2 Series 1000 Grade 1.
3. Locks shall be easily re-handed with a non-handed curved lip strike.
4. Locks shall be listed for use on 3 hour fire doors (4' x 8' single and smaller doors).
5. Locks shall comply with UL10C and UBC 7-2 positive pressure requirements.
6. Lockset paddles shall be capable of horizontal or vertical mounting positions.
7. Locks shall have 2-3/4", 5" or 7" backset available.
8. Locks shall have one-year limited warranty.

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Notes

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Notes

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Fax: 905-738-2478
www.assaabloy.ca

For more information regarding Corbin Russwin Locksets, Exit Devices, Door Controls and Key Systems, contact your authorized Corbin Russwin Distributor or Sales Representative.

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