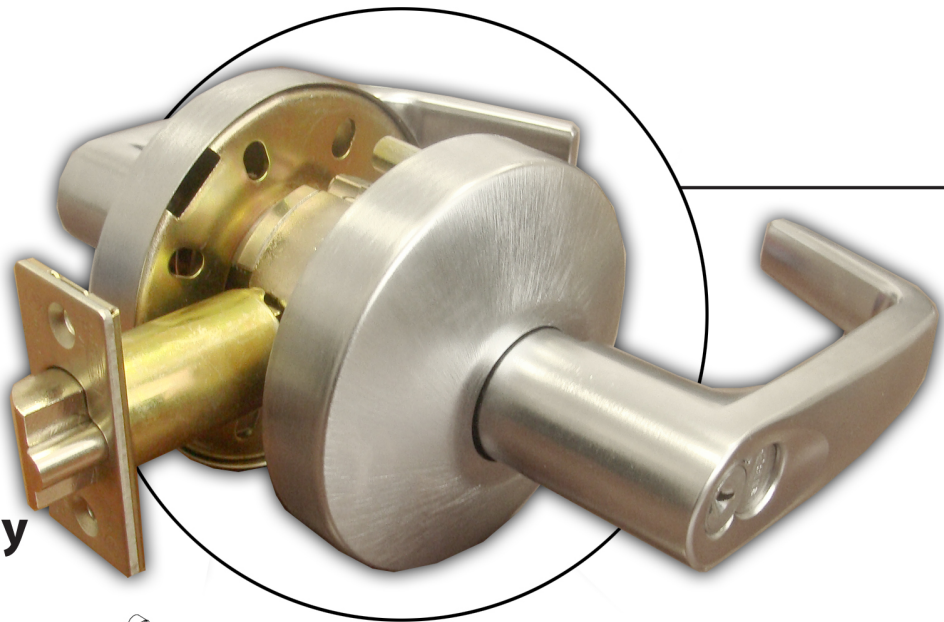
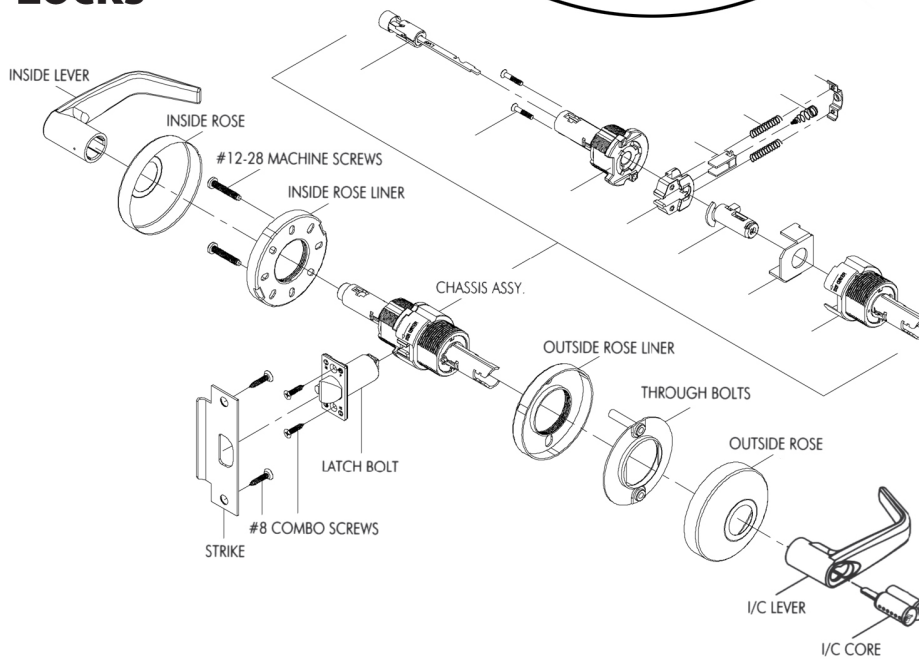




**MB1A Grade 1 SFIC Cylindricals**



## MB1A Series ANSI Grade 1 Extra Heavy Duty Lever Locks



### FEATURES:

- Heavy duty chassis, through bolt trim with various lever styles available.
- Strong cast and machined stainless steel hubs, mounted with heavy duty return springs.
- Tested to over one million cycles without visible lever sag.
- Heavier rose liner material provides greater attack resistance.
- Heat treated, heavy gauge cold rolled steel allows 1000 inch-pounds of torque to be applied to the locked lever without allowing access.
- Threaded inside and outside rose assembly adjustable for door thickness without removing keyed lever.

# MB1A Series Lever Locks

## SPECIFICATIONS:

- Door Thickness** - 1-3/8" to 2" wood or metal door standard, 2-1/4" is available.
- Backset** - 2-3/4" standard; 2-3/8", 3-3/4" and 5" optional.
- Latchbolt** - 1/2" throw deadlatch, UL listed, self-adjusting faceplate; 3/4" throw fire door deadlatch available.
- Handing** - Non-handed.
- Strike** - S1 ANSI strike standard, S2 T strike optional.
- Lever Handles** - Solid zinc diecast levers, wrought brass roses, concealed screws. I/C core version standard.
- Door Preparation** - ANSI A115.2, through bolt installation.
- Interchangeable Core (Standard)** - 6 or 7 pin with nickel silver keys, compatible with Best® and Falcon® cores.
- Masterkeyed** - Can be masterkeyed or grand masterkeyed and construction key systems available.
- Finishes** - 605, 606, 612, 613, 625 and 626.
- Certifications** - UL listed for "A" label (3 hour) single swinging door (4'x8'). ETL certified for ANSI/BHMA A156.2, Series 4000 Grade 1.
- Warranty** - SEVEN (7) YEAR manufacturer's limited warranty.

### Lever Handles

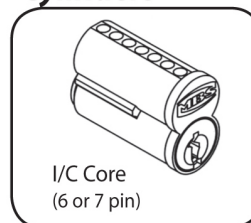


14 Style

15 Style

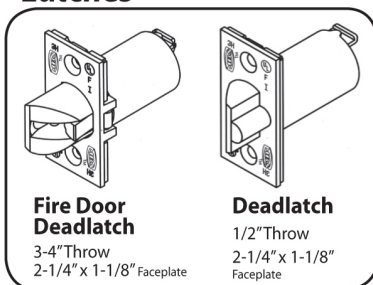
16 Style

### Cylinders



I/C Core  
(6 or 7 pin)

### Latches



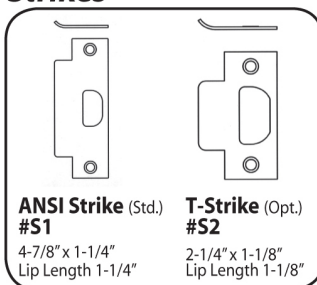
**Fire Door Deadlatch**

3-4" Throw  
2-1/4" x 1-1/8" Faceplate

**Deadlatch**

1/2" Throw  
2-1/4" x 1-1/8" Faceplate

### Strikes



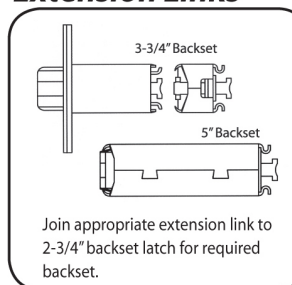
**ANSI Strike (Std.) #S1**

4-7/8" x 1-1/4"  
Lip Length 1-1/4"

**T-Strike (Opt.) #S2**

2-1/4" x 1-1/8"  
Lip Length 1-1/8"

### Extension Links



3-3/4" Backset

5" Backset

Join appropriate extension link to 2-3/4" backset latch for required backset.

**Certifications - UL Listed:**  
Listed by Underwriter's Laboratories for use on 3 Hr. A label single swinging doors (4'x8')  
GYJT Builders Hardware-single point locks  
American National Standard: ANSI A156.2, Series 4000 Grade 1 (formerly FF-H-106C Series T61)

| Finish | BHMA  | US | Description                       |
|--------|-------|----|-----------------------------------|
| 605    | 3     |    | bright brass                      |
| 606    | 4     |    | satın brass                       |
| 612    | 10    |    | satın bronze                      |
| 613    | 10B   |    | oxidized satın bronze, oil rubbed |
| 625    | 26    |    | bright chromium plated            |
| 626    | 26D   |    | satın chromium plated             |
| 629    | US32  |    | bright stainless steel            |
| 630    | US32D |    | satın stainless steel             |

| Model Series        | Backset  | Function Code | Lever Handle       | Finish | Strike | Options          |  |
|---------------------|----------|---------------|--------------------|--------|--------|------------------|--|
| MB1A                | 3        | 01            | #14                | 626    | S1     | S1               |  |
| <b>How To Order</b> | MB1A     | 2 - 2-3/8"    | See Function Chart | #14    | 605    | S1 - ANSI Strike | AL - Abrasive Lever  |
|                     | I/C Core | 3 - 2-3/4"    |                    | #15    | 606    | S2 - T Strike    | LL - Lead Lined  |
|                     |          |               |                    | #12    | 612    |                  | RQE - Request to Exit  |
|                     |          |               |                    | #13    | 613    |                  | NOTE: Specify Inside (I), Outside (O), or Both (B) for AL option |
|                     |          |               |                    | 625    |        |                  |  |
|                     |          |               |                    | 626    |        |                  |  |

If not specified at time of order, the default will be 2 3/4" backset, 15 Lever, 626 Finish, S1 Strike MB1-093K drop-in door adaptor kit for Best 9K hole prep is available and sold separately.

#### The following items are purchased separately:

- S1-7/8-finish 7/8" flat lip strike (605, 606, 612, 613, 630)
- MB1-3/4-finish 3/4" throw fire door deadlatch (605, 606, 612, 613, 630)
- MB1-L4-3-3/4 Extension link for 3-3/4" backset latch
- MB1-L5-5 Extension link for 5" backset latch



## MB1A Series Lever Locks

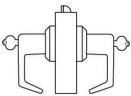







### FUNCTIONS

|  | Description   | Outside Lever  |   | Inside Lever  |   |
|--|---|--|---|---|---|
|  |   | Latched by   | Locked by   | Unlocked by   | Locked by   |
| <b>Single Keyed Functions</b>  |   |  |   |   |   |
| <b>01 - Entrance</b>   | <ul style="list-style-type: none"> <li>Rotating the inside lever, OR</li> <li>Rotating the outside lever - only when the inside push button is out, OR</li> <li>Turning the key in the outside lever</li> </ul>   | <ul style="list-style-type: none"> <li>Pushing the inside button, OR</li> <li>Pushing and turning the inside button. Turning the button keeps the outside lever locked until the button is turned back.</li> </ul> | <ul style="list-style-type: none"> <li>Turning the key in the outside lever, (only when the button is not turned) OR</li> <li>Rotating the inside lever, (only when the button is not turned), OR</li> <li>Closing the door (only when the button is not turned)</li> </ul> | Cannot be locked  | Always unlocked   |
| AB<br>F109   |   |  |   |   |   |
| <b>03 - Classroom</b>  | <ul style="list-style-type: none"> <li>Rotating the inside lever, OR</li> <li>Turning the key in the outside lever OR</li> <li>Rotating the outside lever when not locked by key</li> </ul>   | Turning the key in the outside lever   | Turning the key in the outside lever  | Cannot be locked  | Always unlocked   |
| R<br>F84   |   |  |   |   |   |
| <b>05 - Storeroom</b>  | <ul style="list-style-type: none"> <li>Turning the key in the outside lever, OR</li> <li>Rotating the inside lever</li> </ul>   | Always locked  | Cannot be unlocked  | Cannot be locked  | Always unlocked   |
| D<br>F86   |   |  |   |   |   |
| <b>H1 - Hotel Guest Room</b>   | <ul style="list-style-type: none"> <li>Rotating the inside lever, OR</li> <li>Turning the key in the outside lever only when the inside push button is out, OR</li> <li>Removing the core with a control key and using a special emergency key</li> </ul> | Always locked  | Key block feature is released by: <ul style="list-style-type: none"> <li>Rotating the inside lever, OR</li> <li>Closing the door</li> </ul>   | Cannot be locked  | Always unlocked   |
| H1<br>F93  |   |  |   |   |   |
| <b>PUSHING THE INSIDE BUTTON PROJECTS AN OCCUPIED INDICATOR IN THE OUTSIDE LEVER AND BLOCKS ALL OPERATING KEYS</b> |   |  |   |   |   |
| <b>T - Dormitory</b>   | <ul style="list-style-type: none"> <li>Rotating the inside lever, OR</li> <li>Rotating the outside lever when not locked by key or push button</li> </ul>   | <ul style="list-style-type: none"> <li>Turning the key in the outside lever, OR</li> <li>Pushing the button on the inside lever</li> </ul>   | <ul style="list-style-type: none"> <li>Turning the key in the outside lever, OR</li> <li>Rotating the inside lever (only when locked by push button), OR</li> <li>Closing the door (only when locked by push button)</li> </ul>   | Cannot be locked  | Always unlocked   |
| T<br>F90   |   |  |   |   |   |
| <b>Double Keyed* Functions</b>   |   |  |   |   |   |
| <b>02 - Storeroom*</b>   | <ul style="list-style-type: none"> <li>Rotating the outside lever, when not locked by key, OR</li> <li>Rotating the inside lever when not locked by key</li> </ul>  | <ul style="list-style-type: none"> <li>Turning the key in the inside lever, OR</li> <li>Turning the key in the outside lever</li> </ul>  | <ul style="list-style-type: none"> <li>Turning the key in the inside lever, OR</li> <li>Turning the key in the outside lever</li> </ul>   | <ul style="list-style-type: none"> <li>Turning the key in the inside lever, OR</li> <li>Turning the key in the outside lever</li> </ul> | <ul style="list-style-type: none"> <li>Turning the key in the inside lever, OR</li> <li>Turning the key in the outside lever</li> </ul> |
| G<br>F91   |   |  |   |   |   |
| <b>04 - Communicating*</b>   | <ul style="list-style-type: none"> <li>Turning the key in the inside lever, OR</li> <li>Turning the key in the outside lever, OR</li> <li>Rotating the inside or outside lever (if unlocked)</li> </ul>   | Turning the key in the outside lever   | Turning the key in the outside lever  | Turning the key in the inside lever   | Turning the key in the inside lever   |
| S<br>F80   |   |  |   |   |   |
| <b>TURNING THE KEY IN EITHER LEVER, LOCKS OR UNLOCKS ITS OWN LEVER INDEPENDENTLY.</b>                              |   |  |   |   |   |
| <b>06 - Corridor</b>   | <ul style="list-style-type: none"> <li>Rotating the inside lever, OR</li> <li>Rotating the outside lever when not locked by key, OR</li> <li>Turning the key in the outside lever</li> </ul>  | Turning the key in the inside lever  | Turning the key in the inside lever   | Cannot be locked  | Always unlocked   |
| C<br>F88   |   |  |   |   |   |
| <b>09 - Institutional*</b>   | <ul style="list-style-type: none"> <li>Turning the key in the inside lever OR</li> <li>Turning the key in the outside lever</li> </ul>  | Always locked  | Cannot be unlocked  | Always locked   | Cannot be unlocked  |
| W<br>F87   |   |  |   |   |   |

\*Attention: Locksets that secure both sides of the door are controlled by building codes and the Life Safety Codes. In an emergency situation, failure to quickly unlock the inside lever could be hazardous or even fatal.

## FUNCTIONS

### MB1A Series Lever Locks

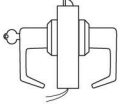
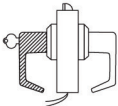
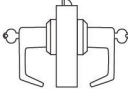
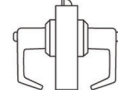
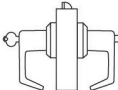


|  | Description   | Outside Lever   |  | Inside Lever     |                 |
|--|---|---|--|------------------|-----------------|
|  |   | Latched operated by   | Locked by  | Unlocked by      | Locked by       |
| <b>Double Keyed* Functions (Continued)</b>   |   |   |  |                  |                 |
| <b>IN - Intruder</b><br><br>IN              | <ul style="list-style-type: none"> <li>Rotating inside lever, OR</li> <li>Rotating outside lever only when not locked by inside or outside key</li> </ul>   | <ul style="list-style-type: none"> <li>Turning key in the inside lever, OR</li> <li>Turning the key in the outside lever</li> </ul> | <ul style="list-style-type: none"> <li>Turning key in the inside lever, OR</li> <li>Turning the key in the outside lever</li> </ul>                        | Cannot be locked | Always unlocked |
| <b>Keyless Functions</b>   |   |   |  |                  |                 |
| <b>10 - Patio</b><br><br>P<br>F77           | <ul style="list-style-type: none"> <li>Rotating the inside lever, OR</li> <li>Rotating the outside lever only when the inside push button is out</li> </ul> | Pushing the inside button   | <ul style="list-style-type: none"> <li>Rotating the inside lever, OR</li> <li>Closing the door</li> </ul>  | Cannot be locked | Always unlocked |
| <b>14 - Time Out</b><br><br>TO              | <ul style="list-style-type: none"> <li>Rotating the inside lever, OR</li> <li>Rotating the outside lever only when the inside push button is out</li> </ul> | Pushing and holding the inside button   | Releasing the inside button  | Cannot be locked | Always unlocked |
| <b>20 - Privacy</b><br><br>L<br>F76        | <ul style="list-style-type: none"> <li>Rotating the inside lever, OR</li> <li>Rotating the outside lever only when the inside push button is out</li> </ul> | Pushing the inside button   | <ul style="list-style-type: none"> <li>Rotating the outside slotted button, OR</li> <li>Rotating the inside lever, OR</li> <li>Closing the door</li> </ul> | Cannot be locked | Always unlocked |
| <b>30 - Passage</b><br><br>N<br>F75       | <ul style="list-style-type: none"> <li>Rotating the inside lever, OR</li> <li>Rotating the outside lever</li> </ul>   | Cannot be locked  | Always unlocked  | Cannot be locked | Always unlocked |
| <b>40 - Single Dummy Trim</b><br><br>1 DT | This is a single, surface-mounted lever for an inactive door or a non-latching door.  |   |  |                  |                 |
| <b>50 - Exit</b><br><br>NX<br>F89         | Rotating the inside lever   | Always locked   | Always locked  | Cannot be locked | Always unlocked |
| <b>60 - Exit</b><br><br>Y                 | Rotating the inside lever   |   |  | Cannot be locked | Always unlocked |

\*Attention: Locksets that secure both sides of the door are controlled by building codes and the Life Safety Codes. In an emergency situation, failure to quickly unlock the inside lever could be hazardous or even fatal.



## MB1A Series Lever locks

### FUNCTIONS

|   | Description   | Outside Lever   |  | Inside Lever                        |                                     |
|---|---|---|--|-------------------------------------|-------------------------------------|
|   |   | Locked by   | Unlocked by  | Locked by                           | Unlocked by                         |
| <b>Electromechanical Functions</b>  |   |   |  |                                     |                                     |
| <b>DEL - Electrically Locked</b><br>               | <ul style="list-style-type: none"> <li>Rotating the inside lever, OR</li> <li>Rotating the outside lever only when the power is off, OR</li> <li>Turning the key in the outside lever</li> </ul>                        | <ul style="list-style-type: none"> <li>Applying 24 Volts DC</li> <li>Outside lever remains locked only while power is on</li> </ul> | Switching off 24 Volts DC  | Cannot be locked                    | Always unlocked                     |
| <b>DEU - Electrically Unlocked</b><br>             | <ul style="list-style-type: none"> <li>Rotating the inside lever, OR</li> <li>Rotating the outside lever only when power is on, OR</li> <li>Turning the key in the outside lever</li> </ul>                             | Switching off 24 Volts DC   | <ul style="list-style-type: none"> <li>Applying 24 Volts DC</li> <li>Outside lever remains unlocked only while power is on</li> </ul>                                | Cannot be locked                    | Always unlocked                     |
| <b>Special Functions</b>  |   |   |  |                                     |                                     |
| <b>07 - Dormitory or Storeroom</b><br>A<br>F81<br> | <ul style="list-style-type: none"> <li>Rotating the inside lever, OR</li> <li>Rotating the outside lever only when inside turn button is unlocked position, OR</li> <li>Turning the key in the outside lever</li> </ul> | Turning the inside button   | Turning the inside button  | Cannot be locked                    | Always unlocked                     |
| <b>21 - Hospital Privacy</b><br>                  | <ul style="list-style-type: none"> <li>Rotating the inside lever, OR</li> <li>Rotating the outside lever only when inside push button is out</li> </ul>   | Pushing the inside button   | <ul style="list-style-type: none"> <li>Turning the turn button in the outside lever, OR</li> <li>Rotating the inside lever, OR</li> <li>Closing the door.</li> </ul> | Cannot be locked                    | Always unlocked                     |
| <b>00 - Office</b><br>B<br>F82<br>               | <ul style="list-style-type: none"> <li>Rotating the inside lever, OR</li> <li>Rotating the outside lever only when inside push button is out, OR</li> <li>Turning the key in the outside lever</li> </ul>               | Pushing the inside button   | <ul style="list-style-type: none"> <li>Turning the key in the outside lever, OR</li> <li>Rotating the inside lever</li> </ul>  | Cannot be locked                    | Always unlocked                     |
| <b>63 - YD*</b><br>                              | Turning the key in the inside lever   |   |  | Always fixed                        | Cannot be unlocked                  |
| <b>63 - Exit*</b><br>                            | Turning the key in the inside lever, OR rotating the inside lever when not locked by key  |   |  | Turning the key in the inside lever | Turning the key in the inside lever |

\*Attention: Locksets that secure both sides of the door are controlled by building codes and the Life Safety Codes. In an emergency situation, failure to quickly unlock the inside lever could be hazardous or even fatal.