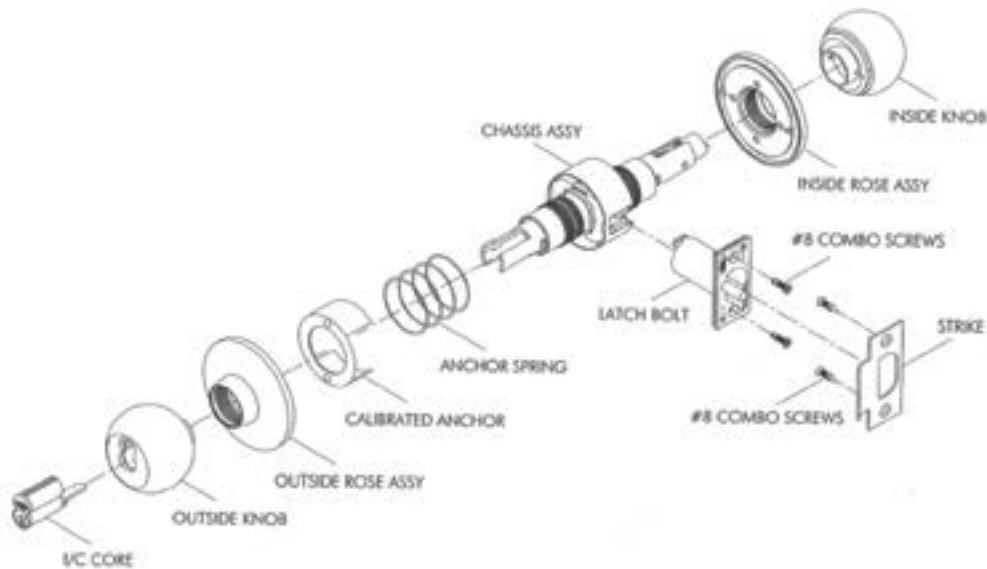




# MBK1 Grade 1 Cylindrical Knob



## MBK1 Series ANSI Grade 1 Extra Heavy Duty Knob Locks



### FEATURES:

- Heavy duty, commercial grade cylindrical lockset, designed for heavy door usage, fast and easy installation.
- Knobs include steel reinforcement.
- Internal steel mechanisms are corrosion treated for normal atmospheric conditions.
- Heat treated, heavy gauge, cold rolled steel sleeves add greater strength and security.
- Threaded roses on both sides hold lock firmly in place.

# MBK1 Series Knob Locks

## SPECIFICATIONS:

- Door Thickness** - 1-3/8" to 2" wood or metal door installation.
- 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** - ANSI strike standard, T strike optional
- Trim** - Roses are heavy wrought brass, bronze or stainless steel and installed over wrought steel reinforcing plates. Knobs are brass, bronze or stainless steel secured by steel knob retainer which cannot be depressed when lock has been locked.

- Door Preparation** - 2-1/8" cross bore, 1" edge bore.
- Masterkeyed** - Can be masterkeyed or grand masterkeyed and construction key systems available.

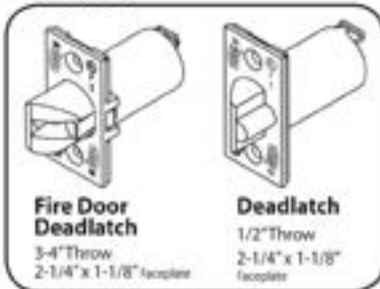
**Interchangeable Core (Standard)** - 6 or 7 pin with nickel silver keys, compatible with Best® and Falcon® cores.

**Finishes** - 605, 606, 612, 613, 625, 626, 630.

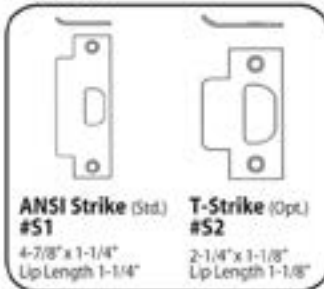
**Certifications** - UL listed for "A" label (3 hour) single swinging door (4'x8'). ETL certified for ANSI/BHMA A156.2, Series 4000 Grade 1.

**Warranty** - FIVE (5) YEAR manufacturer's limited warranty.

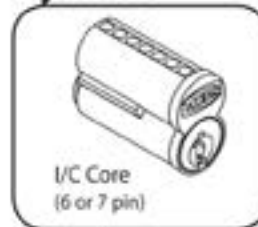
### Latches



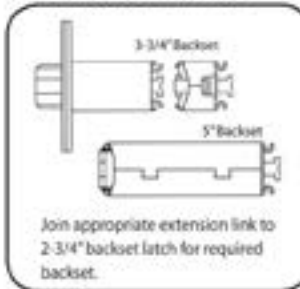
### Strikes



### Cylinders



### Extension Links



**Certifications - UL Listed:**  
Listed by Underwriter's Laboratories for use on 1 1/2" A label single swinging doors of 48" (UL) Builders Hardware single point locks.  
American National Standard ANSI A156.2, Series 4000 Grade 1 (Formerly FF-44 156C Series 11.1)

Finish	BHMA	UL	Description
605	2	10	brass
606	4	10	brass
612	10	10	brass
613	10B	10	brass
625	25	10	brass
626	25	10	brass
630	15.1	10	brass
630	15.2	10	brass



Model Series	Backset	Function Code	Finish	Strike	Options
MBK1	3	01	626	S1	
MBK1 I/C Core	2 - 2-3/8"	See Function Chart	605	S1 - ANSI Strike S2 - T Strike	AL - Abrasive Lever
	3 - 2-3/4"		606		LL - Load Limit
			612		ROE - Request to Exit
			613		NOTE: Specify finish (A, Outside (O), or Both (B) for AL, option
			625		
			626		
			630		

If not specified at time of order, the default will be 2 3/4" backset, 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



## MBK1 Series Knob Locks








### FUNCTIONS

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

## FUNCTIONS

### MBK1 Series Knob Locks




	Description	Outside Knob		Inside Knob	
		Latched by	Locked by	Unlocked by	Locked by
<b>Keyless Functions</b>					
<b>10 - Patio</b> P F77 	<ul style="list-style-type: none"> <li>Rotating the inside knob</li> <li>OR</li> <li>Rotating the outside knob only when the inside push button is out</li> </ul>	Pushing the inside button	<ul style="list-style-type: none"> <li>Rotating the inside knob</li> <li>OR</li> <li>Closing the door</li> </ul>	Cannot be locked	Always unlocked
<b>14 - Time Out</b> TO 	<ul style="list-style-type: none"> <li>Rotating the inside knob</li> <li>OR</li> <li>Rotating the outside knob 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> L F76 	<ul style="list-style-type: none"> <li>Rotating the inside knob</li> <li>OR</li> <li>Rotating the outside knob 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,</li> <li>OR</li> <li>Rotating the inside knob</li> <li>OR</li> <li>Closing the door</li> </ul>	Cannot be locked	Always unlocked
<b>30 - Passage</b> N F75 	<ul style="list-style-type: none"> <li>Rotating the inside knob</li> <li>OR</li> <li>Rotating the outside knob</li> </ul>	Cannot be locked	Always unlocked	Cannot be locked	Always unlocked
<b>40 - Single Dummy Trim</b> 1.DT 	This is a single, surface-mounted knob for an inactive door or a non-latching door.				
<b>50 - Exit</b> NX F89 	Rotating the inside knob	Always locked	Always locked	Cannot be locked	Always unlocked
<b>60 - Exit</b> Y 	Rotating the inside knob			Cannot be locked	Always unlocked

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## MBK1 Series Knob Locks

### FUNCTIONS

	Description	Outside Knob		Inside Knob	
		Latched by	Locked by	Unlocked by	Locked by
<b>Special Functions</b>					
<b>21 - Hospital Privacy</b> 	<ul style="list-style-type: none"> <li>Rotating the inside knob OR</li> <li>Rotating the outside knob 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 knob OR</li> <li>Rotating the inside knob OR</li> <li>Closing the door.</li> </ul>	Cannot be locked	Always unlocked
<b>63 -YD*</b> 	Turning the key in the inside knob			Always fixed	Cannot be unlocked
<b>63 - Exit*</b> 	Turning the key in the inside knob OR rotating the inside knob when not locked by key			Turning the key in the inside knob	Turning the key in the inside knob

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