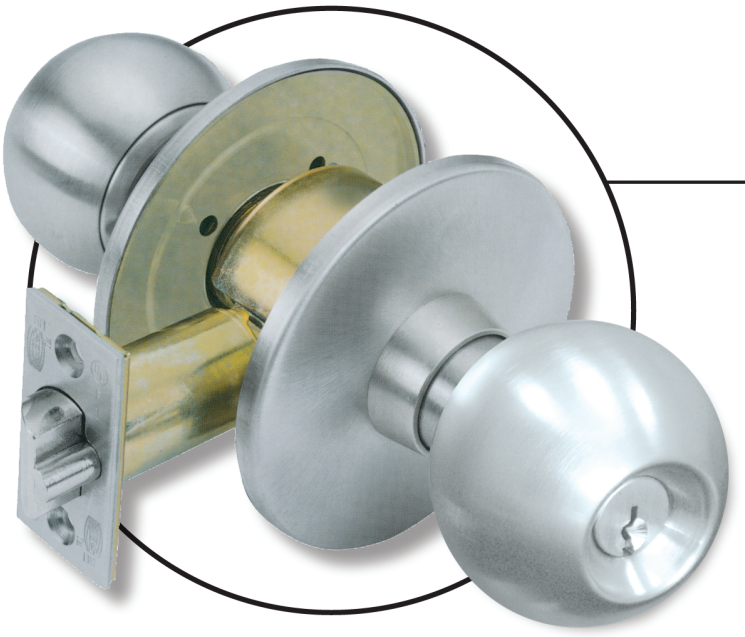
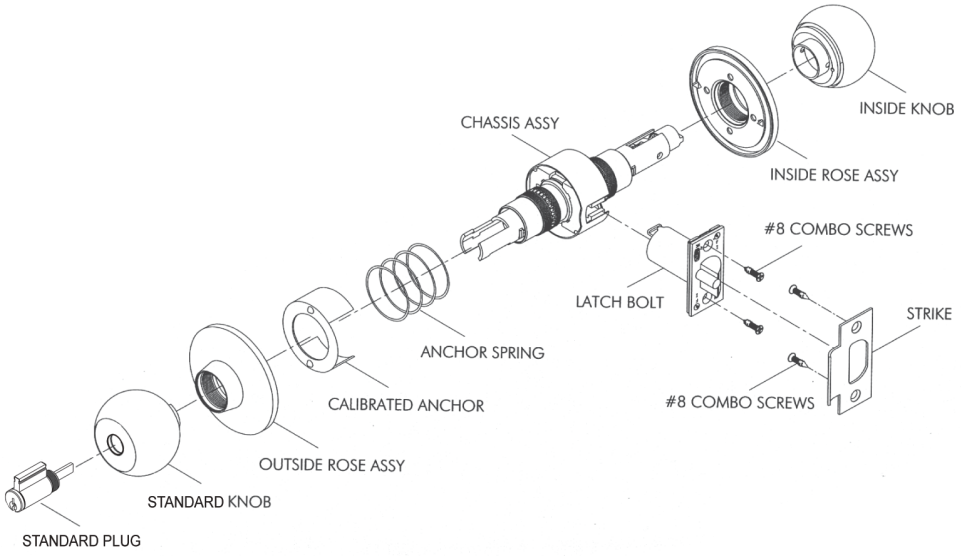
MBK1I Grade 1 Cylindrical

MBK1I 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.

MBK1I Series Lever 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.

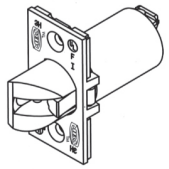
Standard Cylinder - 6-pin standard, two keys per lock, compatible with Schlage® cylinders.

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

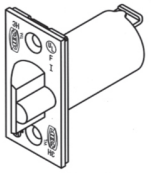
Certifications - UL listed for "A" label (3 hour) single swinging door (4'x8'). ETL certified for ANSI/BHMA A156.2, Series 4000 Grade 1.

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

Latches



Fire Door Deadlatch
3-4"Throw
2-1/4" x 1-1/8" Faceplate



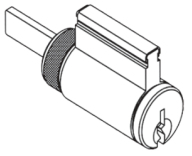
Deadlatch
1/2"Throw
2-1/4"x 1-1/8"
Faceplate

Strikes

ANSI Strike (Std.)
#S1
4-7/8" x 1-1/4"
Lip Length 1-1/4"

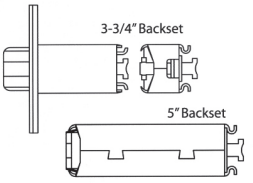
T-Strike (Opt.)
#S2
2-1/4" x 1-1/8"
Lip Length 1-1/8"

Cylinders



Standard Cylinder

Extension Links



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 161.)

ANSI BHMA CERTIFIED

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

How To Order

Model Series	Backset	Function Code	Finish	Strike	Options
MB1KI	3	01	626	S1	S1
MBK1I Keyed **MBK1** Nonkeyed	**2** - 2-3/8" **3** - 2-3/4"	See Function Chart	**605** **606** **612** **613** **625** **626** **630**	**S1** - ANSI Strike **S2** - T Strike	**AL** - Abrasive Lever **LL** - Lead Lined **RQE** - Request to Exit **NOTE:** Specify Inside (I), Outside (O), or Both (B) for AL option

If not specified at time of order, the default will be 2 3/4" backset, 15 Lever, 626 Finish, S1 Strike

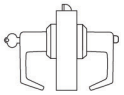
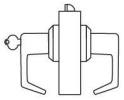
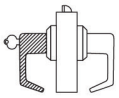
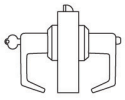
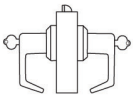
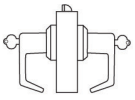
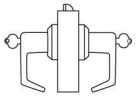
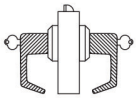
MB1-093K drop-in door adaptor kit for Best 9K hole prep is available and sold separately.

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

FUNCTIONS

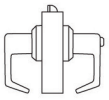
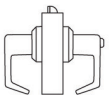
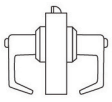
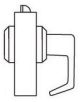
MBK1I Series Knob Locks

Description	Outside Knob		Inside Knob	
Latch operated by	Locked by	Unlocked by	Locked by	Unlocked by
Single Keyed Functions				
01 - Entrance AB F109 	• Rotating the inside knob OR • Rotating the outside knob - only when the inside push button is out, OR • Turning the key in the outside knob	• Pushing the inside button, OR • Pushing and turning the inside button. Turning the button keeps the outside knob locked until the button is turned back.	• Turning the key in the outside knob (only when the button is not turned) OR • Rotating the inside knob (only when the button is not turned), OR • Closing the door (only when the button is not turned)	Cannot be locked	Always unlocked
03 - Classroom R F84 	• Rotating the inside knob OR • Turning the key in the outside knob OR • Rotating the outside knob when not locked by key	Turning the key in the outside knob	Turning the key in the outside knob	Cannot be locked	Always unlocked
05 - Storeroom D F86 	• Turning the key in the outside knob OR • Rotating the inside knob	Always locked	Cannot be unlocked	Cannot be locked	Always unlocked
T - Dormitory T F90 	• Rotating the inside knob OR • Rotating the outside knob when not locked by key or push button	• Turning the key in the outside knob OR • Pushing the button on the inside knob	• Turning the key in the outside knob OR • Rotating the inside knob (only when locked by push button), OR • Closing the door (only when locked by push button)	Cannot be locked	Always unlocked
Double Keyed* Functions					
02 - Storeroom* G F91 	• Rotating the outside knob when not locked by key, OR • Rotating the inside knob when not locked by key	• Turning the key in the inside knob OR • Turning the key in the outside knob	• Turning the key in the inside knob OR • Turning the key in the outside knob	• Turning the key in the inside knob OR • Turning the key in the outside knob	• Turning the key in the inside knob OR • Turning the key in the outside knob
04 - Communicating* S F80 	• Turning the key in the inside knob OR • Turning the key in the outside knob OR • Rotating the inside or outside knob (if unlocked)	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
TURNING THE KEY IN EITHER LEVER, LOCKS OR UNLOCKS ITS OWN LEVER INDEPENDENTLY.					
06 - Corridor C F88 	• Rotating the inside lever, OR • Rotating the outside lever when not locked by key, OR • Turning the key in the outside knob	Turning the key in the inside knob	Turning the key in the inside knob	Cannot be locked	Always unlocked
09 - Institutional* W F87 	• Turning the key in the inside knob OR • Turning the key in the outside knob	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

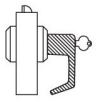
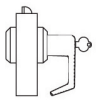
MBK1I Series Knob Locks

	Description	Outside Knob		Inside Knob	
	Latch operated by	Locked by	Unlocked by	Locked by	Unlocked by
Keyless Functions					
10 - Patio P F77 	• Rotating the inside knob OR • Rotating the outside knob only when the inside push button is out	Pushing the inside button	• Rotating the inside knob OR • Closing the door	Cannot be locked	Always unlocked
14 - Time Out TO 	• Rotating the inside knob OR • Rotating the outside knob only when the inside push button is out	Pushing and holding the inside button	Releasing the inside button	Cannot be locked	Always unlocked
20 - Privacy L F76 	• Rotating the inside knob OR • Rotating the outside knob only when the inside push button is out	Pushing the inside button	• Rotating the outside slotted button, OR • Rotating the inside knob OR • Closing the door	Cannot be locked	Always unlocked
30 - Passage N F75	• Rotating the inside knob OR • Rotating the outside knob	Cannot be locked	Always unlocked	Cannot be locked	Always unlocked
40 - Single Dummy Trim 1 DT	This is a single, surface-mounted knob for an inactive door or a non-latching door.				
50 - Exit NX F89	• Rotating the inside knob	Always locked	Always locked	Cannot be locked	Always unlocked
60 - Exit Y 	Rotating the inside knob			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 knob could be hazardous or even fatal.

FUNCTIONS

MBK1I Series Knob Locks

Description	Outside Knob		Inside Knob	
Latch operated by	Locked by	Unlocked by	Locked by	Unlocked by
Special Functions				
63 -YD* 	Turning the key in the inside knob		Always fixed	Cannot be unlocked
63 - Exit* 	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

*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.