



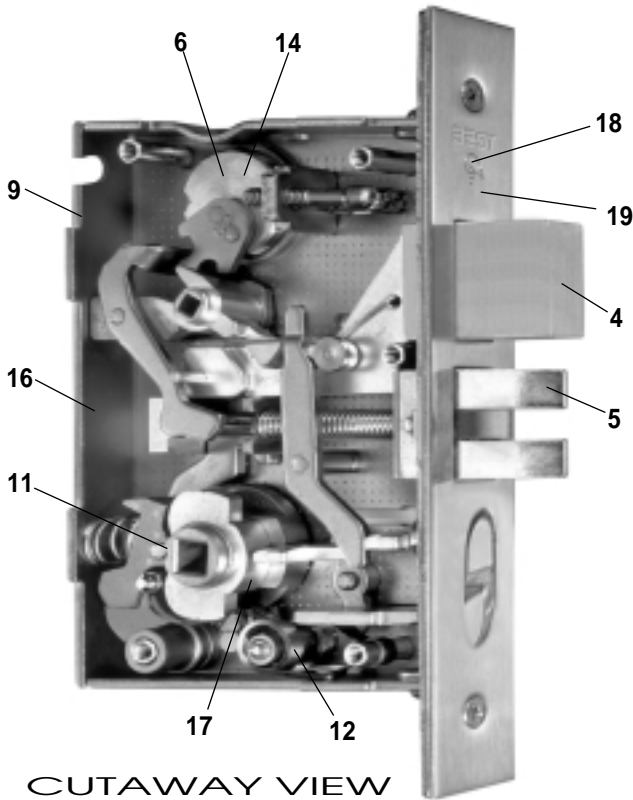
H SERIES

HEAVY DUTY MORTISE LOCKS

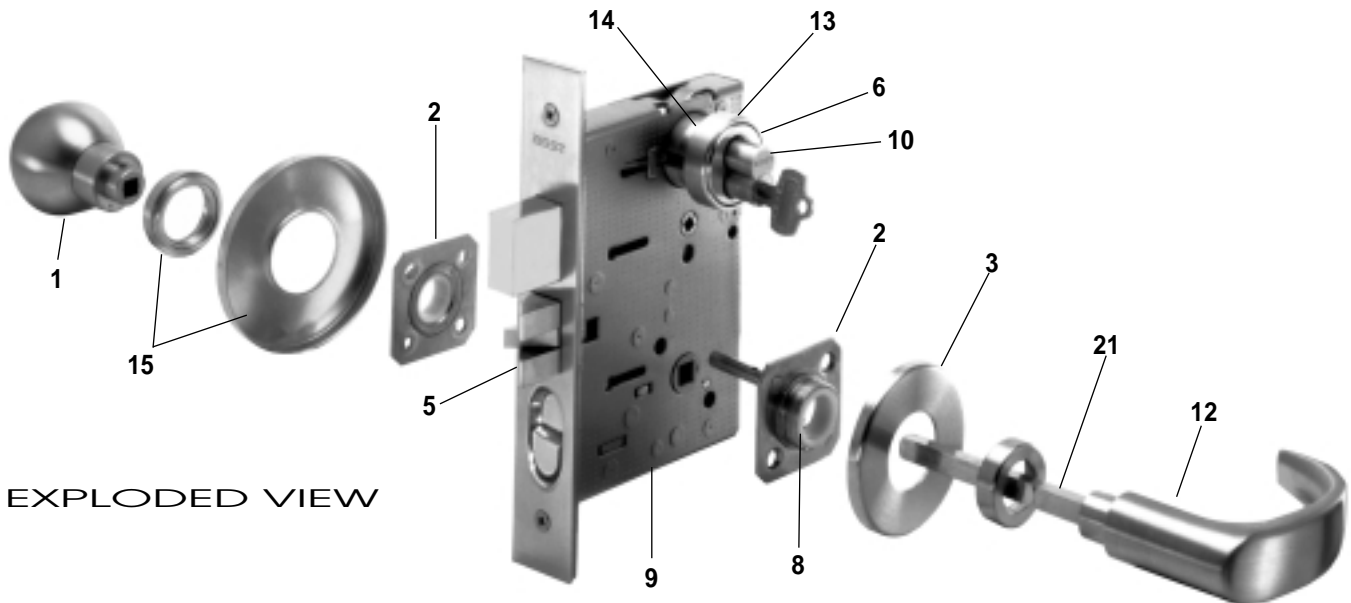


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FEATURES



1. Solid machined knob construction. (#4, #6)
2. Self aligning trim is through-bolted for proper alignment with case.
3. Knob, lever and rose styles match 8K/9K series cylindrical locks.
4. One inch stainless steel throw deadbolt.
5. 3/4" throw, anti-friction latchbolt standard.
6. 36H/37H offers high security cylinder for ANSI Grade 1 security. Cylinder is UL listed (UL437).
7. Friction insert in inside knob resists loosening. *(Not shown)*
8. Low friction knob and lever handle bearing for smooth, wear-resistant operation.
9. Lockset reversible for hand of door.
10. Quick rekeying with Best interchangeable core.
11. Patented roller bearing hub mechanism for smooth, wear-resistant operation.
12. Independently spring loaded lever handles to prevent wear and lever sag.
13. Solid machined cylinder rings with tension spring to resist wrenching of cylinder.
14. Improved cylinder security screw prevents removal of cylinder except when core is removed.
15. Lever and knob can be intermixed for inside/outside trim.
16. Heavy gauge steel lock case.
17. Heavy steel hubs & locking mechanisms.
18. UL listed.
19. ANSI certified.
20. Patented trim plate, N trim escutcheon. *(Not shown)*
21. "Twist for security" feature redesigned spindle & locking bar for improved strength & superior torque resistance.



Case: Heavy wrought steel, 5 ⁷/₈" high x 4 ¹/₄" deep x 1" wide. Steel parts are zinc dichromate plated for corrosion protection.

Faceplate: Brass or bronze, 1 ¹/₄" x 8" x ⁷/₈". Armored. Adjustable from flat to beveled ¹/₈" in 2".

Strike: Brass, bronze or stainless steel 4 ⁷/₈" x 1 ¹/₄" x ³/₃₂". Fits standard door frame cut out as specified in ANSI A115.1. Correct strike automatically supplied with unit. Strike box supplied standard.

Backset: 2 ³/₄".

Door thickness: For doors 1 ³/₄" thick. For doors over 1 ³/₄" specify door thickness.

Installation: Lock case and faceplate dimensions fit standard door preparation as specified in ANSI A115.1. Lockset is reversible for hand of door.

Latchbolt: Stainless steel, ³/₄" throw with stainless steel anti-friction latch.

Deadbolt: Stainless steel 1" throw.

Auxiliary bolt: Stainless steel.

Interchangeable core: Best pin tumbler core is available in 6 or 7 pin, machined from solid brass. Face of cores match trim finish. Available in standard or patented keying.

Trim: Knobs, levers and roses match 8K/9K series cylindrical lock trim styles.

Knobs: Diameter– 2 ¹/₈" Projection on door– 2 ⁷/₈"
#4, #6 knobs: Material machined from brass bronze.
#44 knob: Heavy wrought brass or bronze.

Lever handle: Brass, bronze or stainless steel. Lever styles #3, #14, #15 return to within ³/₈" to ¹/₂" of the door surface. Levers #12, #16, #17 no return. Projection on door: 2 ¹⁵/₁₆" (add ⁵/₆₄" for M or N trim). (Lever #3, #14, #15 conform to California Titles 19 and 24.)

Roses: Brass or bronze construction. "A"– concave round, 3 ³/₈" diameter. "B"– square, 3 ³/₈" across flats. "C"– concave round, 2 ⁹/₁₆" diameter. "D"– convex round, 3 ³/₈" diameter. "H"– flat, 2 ⁹/₁₆" diameter brass, bronze or stainless steel construction (lever handle only). "S"– flat, 3 ¹/₂" diameter.

Escutcheons: "J"– wrought brass, bronze or stainless steel, 2 ¹/₄" x 7 ¹/₂". "M"– forged brass or bronze, 2 ¹/₈" x 8" through-bolt mounted "N"– forged brass or bronze, 2 ¹/₈" x 8" (concealed cylinder) through-bolt mounted–no exposed screws outside.

Mounting: Self-aligning trim. Lever/knob attached with hardened set screw on inside lever/knob.

Finish:

- | | |
|---------------------------------------|----------------------------|
| 605–bright brass, clear coated | 622–flat black |
| 606–satin brass, clear coated | 625–bright chromium plated |
| 611–bright bronze, clear coated | 626–satin chromium plated |
| 612–satin bronze, clear coated | 629–bright stainless steel |
| 613–oxidized satin bronze, oil rubbed | 630–satin stainless steel |
| 618–bright nickel plated | 690–dark bronze coated |
| 619–satin nickel plated | |

SPECIFICATIONS - H SERIES

The H series lock meets or exceeds the following standards:

American National Standards:
34H/35H Series - ANSI A156.13,
 Series 1000, Grade 1 Operational and Grade 2 Security.



36H/37H Series - ANSI A156.13,
 Series 1000, Grade 1 Operational and Grade 1 Security. As certified in Builders Hardware Manufacturers Association Directory as complying with this standard. (Formerly FF-HH-106C).



Underwriters Laboratories

The H series is listed by Underwriters Laboratories for use on 3 hour A label doors. These locks also carry the C-UL mark which is now officially accepted in all of Canada, indicating compliance with appropriate Canadian standards and codes.



UL Listed for both Canada and the US.

The 36H/37H series locks conform to UL437 Standard for Key Locks, referencing Door Locks. The 1E7J4 Cylinder used in the 36H/37H series also conforms to UL437 Standard for Key Locks, referencing High Security Cylinders, and is listed for Canada as well as the US.

Products protected by one or more of the following patents:

- | | | |
|---------|------------------------|---------|
| 4389061 | 4589691 | 4386510 |
| 4873853 | 4667994 | 4633690 |
| 4572556 | Other patents pending. | |

SHIPPING WEIGHTS

This chart lists the approximate shipping weights for the 34H series locksets. This weight includes complete 34H units (less core) with the #4 knob, "M" style escutcheon, strike package, installation instructions, templates, and shipping cartons and boxes.

Lock Function Nomenclature	Quantity Per Case	Shipping Weight (Less Core)
AW	6	47 lbs.
C	6	48 lbs.
E	6	45 lbs.
EW	6	45 lbs.
F	6	47 lbs.
FD	6	47 lbs.
FW	6	47 lbs.
G	6	48 lbs.
HF	6	46 lbs.
HJ	6	46 lbs.
J	6	45 lbs.
LF	6	45 lbs.
N	6	41 lbs.
P	6	35 lbs.
S	6	35 lbs.
T	6	37 lbs.
W	6	48 lbs.
WW	6	48 lbs.
Y	6	41 lbs.

ORDER PROCEDURE - H SERIES

HOW TO ORDER: 34H KNOB

34H	7	E	4	A	626	RH	**
Series	Core Housing	Function Code	Knob Style	Trim Style	Finishes	Door Hand	Options
34H- Knob	0- keyless or less cylinder 7- 7 pin housing accepts all Best cores	E- office EW- storeroom F- entrance J- classroom LF- privacy N- passage etc. page 9-11	4- round 44- ball 6- tulip page 6	A- concave B- square C- 2 9/16" dia. D- convex J- wrought M- forged *N- forged concealed cylinder page 6-8	605 606 611 612 613 618 619 625 626 690 page 3	RH RHRB LH LHRB page 14	KNL- knurled knob (#44 only) LL- lead lined RQE- request to exit SH- security head screws TAC- tactile knob (#4, #6 only) Thick Door- (specify thickness if other than 1 3/4") WT- working trim only page 12

*Use "M" trim for double keyed functions.

**Must specify key mark and number of keys or designate L/C for less core.

HOW TO ORDER: 35H LEVER

35H	7	EW	14	H	626	RH	**
Series	Core Housing	Function Code	Lever Style	Trim Style	Finishes	Door Hand	Options
35H- Lever	0- keyless or less cylinder 7- 7 pin housing accepts all Best cores	AW- entrance E- office EW- storeroom F- entrance J- classroom LF- privacy N- passage etc. page 9-11	3- solid tube/ return 12- solid tube/ no return 14- curved/ return 15- contour/ angle return 16- curved/ no return 17- gullwing/ no return page 7, 8	H- 2 9/16" dia. J- wrought M- forged *N- forged concealed cylinder S - 3 1/2" dia. page 7, 8	605 606 611 612 613 618 619 625 626 629 630 690 page 3	RH RHRB LH LHRB page 14	AL- abrasive lever LL- lead lined RQE- request to exit SH- security head screws Thick Door- (specify thickness if other than 1 3/4") TL- tactile lever WT- working trim only page 12

*Use "M" trim for double keyed functions.

**Must specify key mark and number of keys or designate L/C for less core.

HOW TO ORDER: 36H/37H HIGH SECURITY

36H	7	EW	6	M	626	RH	**
Series	Core Housing	Function Code	Knob/Lever Style	Trim Style	Finishes	Door Hand	Options
High Security 36H- Knob 37H- lever	7- 7 pin accepts 5C cores only page 5	E- office EW- storeroom F- entrance J- classroom etc. page 9-11	3- solid tube/ return 4- round 44- ball 6- tulip 12- solid tube/ no return 14- curved/ return 15- contour/ angle return 16- curved/ no return 17- gullwing/ no return page 6-8	M- forged page 7, 8	626 630 only page 3	RH RHRB LH LHRB page 14	AL- abrasive lever K- non UL cylinder KNL- knurled knob (#44 only) LL- lead lined RQE- request to exit SH- security head screws TAC- tactile knob (#4, #6 only) Thick Door- (specify thickness if other than 1 3/4") TL- tactile lever WT- working trim only page 12

**Must specify key mark and number of keys or designate L/C for less core.

STANDARD MORTISE CYLINDER

1E74 Cylinder Specifications

Diameter: 1 ⁵/₃₂". 1.150-32 (NS-2A) threaded mortise cylinder.

Length: 1 ¹/₄"

Material: Brass or bronze.

Finish: Supplied to match mortise lockset trim (see specifications, page 3).

Cylinder Ring: Wrench resistant ring with tension spring, machined from all brass or bronze. Proper length automatically provided with lockset. For more ring information see cylinder catalog.

Cam: Proper cam provided for cylinder as required by designated function on order. Special cams available; see page 8 cylinder (E Series) catalog section.



Standard 1E74 Mortise Cylinder

Designed for standard security applications, BEST offers the 34H/35H/38H mortise locksets, utilizing the 1E74 mortise cylinder and special interchangeable core. Special cylinder variations are available for most applications. BEST cylinders are machined from solid brass or bronze bar stock. Additional security is provided by a set screw that mounts diagonally into the cylinder wall. This set screw prevents unauthorized removal of the cylinder without use of the control key.



36H Mortise Lock



37H Mortise Lock

1E7J4 Cylinder Specifications

Diameter: 1 ⁵/₃₂". 1.150-32 (NS-2A) threaded mortise cylinder.

Length: 1 ¹/₁₆"

Materials: Brass and stainless steel.

Finish: Stainless steel base plated to match 626 finish.

Cylinder Ring: High security wrench resistant, machined from stainless steel, hardened. Proper length automatically provided with lockset. Special door preparation required. Diameter of hole 1 ³/₄".

(Note: 1E7J4 requires long blade key for operation.)

Cylinder Face, Keyway Disc: Stainless steel, hardened.

Cam: Proper cam provided for cylinder as required by designated function order.

HIGH SECURITY CYLINDER



1E7J4 High Security Cylinder

Designed for high security applications, BEST offers the 36H/37H/39H mortise locksets, utilizing the 1E7J4 high security cylinder and special 5C interchangeable core. This special cylinder is listed by Underwriters Laboratories as conforming to Standard UL437 for high security cylinders. The patented cylinder provides additional strength through a hardened stainless steel alloy ring, face and keyway disc. It can be masterkeyed into any BEST masterkey system. It is available in most keyed functions (All functions are certified to ANSI A156.13 Security Grade 1.) and is supplied only with "M" trim. Cylinder also conforms to ANSI A156.5 Mortise Cylinder, Grade 1A.

Note: 1E7J4 must be combined at factory to comply to UL437. 1E7K4 is combined in the field and may be ordered less core.

H SERIES - KNOB & TRIM VARIATIONS



**Knob - 4
Rose - A**



**Knob - 4
Rose - B**



**Knob - 4
Rose - C**



**Knob - 4
Rose - D**



**Knob - 6
Rose - A**



**Knob - 6
Rose - B**



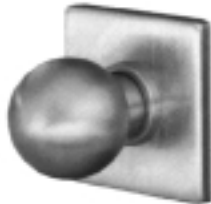
**Knob - 6
Rose - C**



**Knob - 6
Rose - D**



**Knob - 44
Rose - A**



**Knob - 44
Rose - B**



**Knob - 44
Rose - C**



**Knob - 44
Rose - D**



**Knob - 4
Escutcheon-J**



**Knob - 4
Escutcheon-M**



**Knob - 4
Escutcheon-N**



**Knob - 6
Escutcheon-J**



**Knob - 6
Escutcheon-M**



**Knob - 6
Escutcheon-N**



**Knob - 44
Escutcheon-J**



**Knob - 44
Escutcheon-M**



**Knob - 44
Escutcheon-N**

H SERIES - LEVER & TRIM VARIATIONS



Lever - 3
Rose - H



Lever - 12
Rose - H



Lever - 14
Rose - H



Lever - 15
Rose - H



Lever - 16
Rose - H



Lever - 17
Rose - S



Lever - 3
Escutcheon - J



Lever - 3
Escutcheon - M



Lever - 3
Escutcheon - N



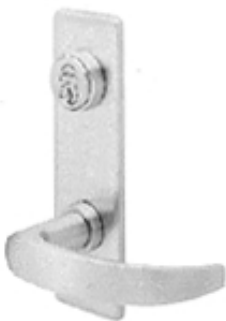
Lever - 12
Escutcheon - J



Lever - 12
Escutcheon - M



Lever - 12
Escutcheon - N



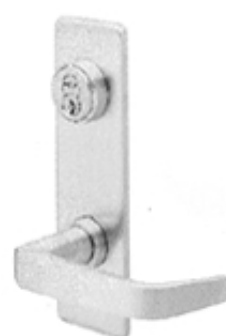
Lever - 14
Escutcheon - J



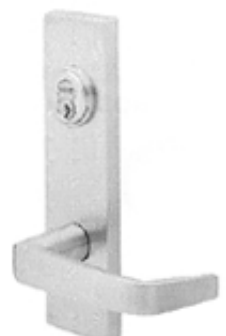
Lever - 14
Escutcheon - M



Lever - 14
Escutcheon - N



Lever - 15
Escutcheon - J



Lever - 15
Escutcheon - M



Lever - 15
Escutcheon - N



Lever - 16
Escutcheon - J



Lever - 16
Escutcheon - M

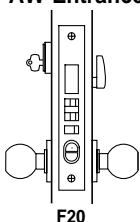
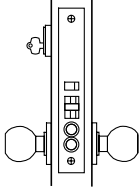
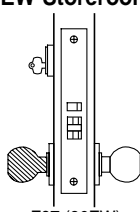
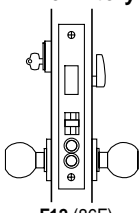
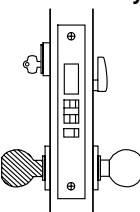
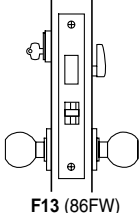
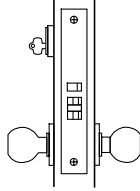


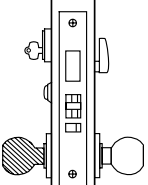
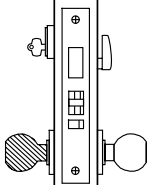
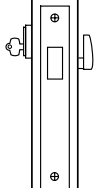
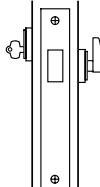
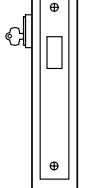
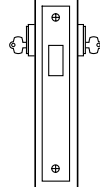
Lever - 16
Escutcheon - N



Lever - 17
Escutcheon - J

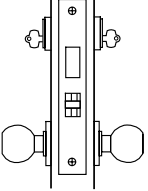
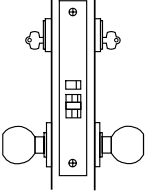
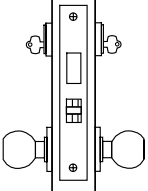
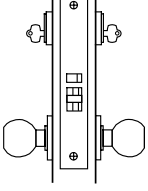
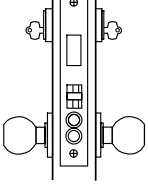
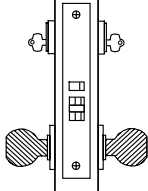
FUNCTIONS

Function & Diag. ANSI No. (Fed. No.)	Description	Outside Lever or Knob			Inside Lever or Knob	
		Latch operated by	Deadbolt operated by	Locked	Unlocked	Locked
Single Keyed						
AW-Entrance  F20	<ul style="list-style-type: none"> Rotating inside knob/lever, OR Rotating outside knob/lever only when bottom faceplate button is depressed and deadbolt is retracted, OR Turning key in outside cylinder. 	<ul style="list-style-type: none"> Turning key in outside cylinder, OR Turning inside turn lever. (Rotating inside knob/lever retracts deadbolt and latch simultaneously.) 	<ul style="list-style-type: none"> Pushing top faceplate button, OR Projecting deadbolt by key or turn lever. 	<ul style="list-style-type: none"> Pushing bottom faceplate button, OR Turning key in outside cylinder. 	Cannot be locked	Always unlocked
E-Entrance  F04 (86E) (87E)	<ul style="list-style-type: none"> Rotating inside knob/lever, OR Rotating outside knob/lever—only when bottom faceplate button is depressed, OR Turning key in outside cylinder. 	N/A	Pushing top faceplate button in	<ul style="list-style-type: none"> Pushing bottom faceplate button, OR Turning key in outside cylinder. 	Cannot be locked	Always unlocked
The latchbolt is deadlocked with an auxiliary deadlatch						
EW-Storeroom  F07 (86EW)	<ul style="list-style-type: none"> Rotating inside knob/lever, OR Turning key in outside cylinder. 	N/A	Always locked	Cannot be unlocked	Cannot be locked	Always unlocked
The latchbolt is deadlocked with an auxiliary deadlatch						
F-Dormitory  F12 (86F)	<ul style="list-style-type: none"> Rotating inside knob/lever, OR Rotating outside knob/lever only when bottom faceplate button is depressed and deadbolt is retracted, OR Turning key in outside cylinder. 	<ul style="list-style-type: none"> Turning key in outside cylinder, OR Turning inside turn lever. (Rotating inside knob/lever retracts deadbolt and latch simultaneously.) 	<ul style="list-style-type: none"> Pushing top faceplate button, OR Projecting deadbolt by key or turn lever. 	<ul style="list-style-type: none"> Pushing bottom faceplate button, OR Turning key in outside cylinder. 	Cannot be locked	Always unlocked
FD-Dormitory  	<ul style="list-style-type: none"> Rotating inside knob/lever, OR Turning key in outside cylinder. 	<ul style="list-style-type: none"> Turning key in outside cylinder, OR Turning inside turn lever. (Rotating inside lever retracts deadbolt and latch simultaneously.) 	Always locked	Cannot be unlocked	Cannot be locked	Always unlocked
The latchbolt is deadlocked with an auxiliary deadlatch						
FW-Dormitory  F13 (86FW)	<ul style="list-style-type: none"> Rotating inside knob/lever, OR Rotating outside knob/lever—only when deadbolt is retracted OR Turning key in outside cylinder 	<ul style="list-style-type: none"> Turning key in outside cylinder, OR Turning inside turn lever. (Rotating inside knob/lever retracts deadbolt and latch simultaneously.) 	<ul style="list-style-type: none"> Turning key in outside cylinder, OR Turning inside turn lever. 	<ul style="list-style-type: none"> Turning key in outside cylinder, OR Turning inside turn lever, OR Rotating inside knob/lever. 	Cannot be locked	Always unlocked
J-Classroom  F05 (86J)	<ul style="list-style-type: none"> Rotating inside knob/lever, OR Rotating outside knob/lever only when unlocked by key, OR Turning key in outside cylinder. 	N/A	Turning key in outside cylinder	Turning key in outside cylinder	Cannot be locked	Always unlocked
The latchbolt is deadlocked with an auxiliary deadlatch						

Function & Diag. ANSI No. (Fed. No.)	Description	Outside Lever or Knob			Inside Lever or Knob	
		Latch operated by	Deadbolt operated by	Locked	Unlocked	Locked
Single Keyed (continued)						
 <p>HF-Hotel</p> <p>F15 (86H)</p>	<ul style="list-style-type: none"> Rotating inside knob/lever, OR Turning key in outside cylinder. 	<ul style="list-style-type: none"> Turning inside turn lever, OR Turning key in outside cylinder. (Rotating inside knob/lever retracts deadbolt and latch simultaneously.) 	Always locked	Cannot be unlocked	Cannot be locked	Always unlocked
The latchbolt is deadlocked with an auxiliary deadlatch. Throwing deadbolt indicates room is occupied and blocks out all keys except emergency key.						
 <p>HJ-Hotel (no indicator)</p>	<ul style="list-style-type: none"> Rotating inside knob/lever, OR Turning key in outside cylinder. 	<ul style="list-style-type: none"> Turning inside turn lever, OR Turning emergency key in outside cylinder. (Rotating inside knob/lever retracts deadbolt and latch simultaneously.) 	Always locked	Cannot be unlocked	Cannot be locked	Always unlocked
The latchbolt is deadlocked with an auxiliary deadlatch. Blocks out all keys except emergency key.						
Deadlock						
 <p>P-Deadlock</p> <p>F17 (86P)</p>	N/A	<ul style="list-style-type: none"> Turning key in outside cylinder OR Turning inside turn lever. 	N/A	N/A	N/A	N/A
Available in 34H and 36H series only.						
 <p>R-Deadlock</p>	N/A	<ul style="list-style-type: none"> Turning key in outside cylinder OR Turning inside turn lever.* 	N/A	N/A	N/A	N/A
Available in 34H and 36H series only. *Function R—the inside turn knob retracts deadbolt but will not project it. (Specify hand of door.)						
 <p>*S-Deadlock</p> <p>F18 (86S)</p>	N/A	Turning key in outside cylinder only	N/A	N/A	N/A	N/A
Available in 34H and 36H series only.						
 <p>*T-Deadlock</p> <p>F16 (86T)</p>	N/A	Turning key in outside or inside cylinder	N/A	N/A	N/A	N/A
Available in 34H and 36H series only.						

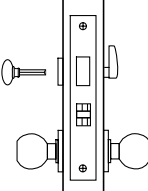
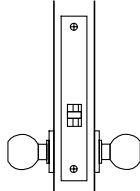
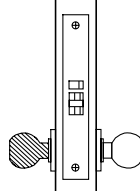
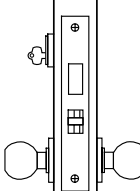
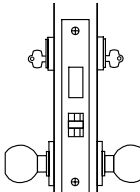
***ATTENTION:** Locksets that secure both sides of the door are controlled by building codes and the Life Safety Code®. In an emergency exit situation, failure to quickly unlock the inside lever could be hazardous or even fatal.

FUNCTIONS

Function & Diag. ANSI No. (Fed. No.)	Description	Outside Lever or Knob			Inside Lever or Knob	
		Latch operated by	Deadbolt operated by	Locked	Unlocked	Locked
Double Keyed*						
*C-Communicating  F14 (86C)	Rotating inside or outside knob/lever—only when deadbolt is retracted	Turning key in inside or outside cylinder	Turning key in inside or outside cylinder	Turning key in inside or outside cylinder	Turning key in inside or outside cylinder	Turning key in inside or outside cylinder
G-Office  F09 (86G) (87G)	<ul style="list-style-type: none"> Rotating inside knob/lever, OR Rotating outside knob/lever only when unlocked by key in inside cylinder, OR Turning key in outside cylinder only. <p>The latchbolt is deadlocked with an auxiliary deadlatch. When required, inside cylinder may be combined to operate by master key only.</p>	N/A	Turning key in inside cylinder	Turning key in inside cylinder	Cannot be locked	Always unlocked
IND-Intruder 	<ul style="list-style-type: none"> Turning key in inside or outside cylinder, OR Rotating outside lever/knob when deadbolt is retracted, OR Rotating inside lever/knob 	<ul style="list-style-type: none"> Turning key in outside or inside cylinder, OR Rotating inside lever/knob (Retracts the deadbolt and latch simultaneously) 	Extending the deadbolt by turning key in inside or outside cylinder	Retracting the deadbolt by turning key in inside or outside cylinder	Cannot be locked	Always unlocked
INL-Intruder 	<ul style="list-style-type: none"> Rotating inside lever/knob, OR Rotating outside lever/knob only when unlocked by inside or outside key, OR Turning key in inside or outside cylinder. <p>The latchbolt is deadlocked with an auxiliary deadlatch. When required, inside cylinder may be combined to operate by master key only.</p>	N/A	Turning key in inside or outside cylinder	Turning key in inside or outside cylinder	Cannot be locked	Always unlocked
W-Storeroom 	<ul style="list-style-type: none"> Rotating inside knob/lever, OR Rotating outside knob/lever only when bottom faceplate button is depressed, OR Turning key in outside cylinder. 	Turning key in inside or outside cylinder	Pushing top faceplate button	<ul style="list-style-type: none"> Pushing bottom faceplate button. OR Turning key in outside cylinder or inside cylinder. 	Cannot be locked	Always unlocked
*WW-Storeroom 	Turning key in inside or outside cylinder	N/A	Always locked	Cannot be unlocked	Always fixed	Cannot be unlocked
The latchbolt is deadlocked with an auxiliary deadlatch. When required, inside cylinder may be combined to operate by master key only.						

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

FUNCTIONS

Function & Diag. ANSI No. (Fed. No.)	Description	Outside Lever or Knob			Inside Lever or Knob	
		Latch operated by	Deadbolt operated by	Locked	Unlocked	Locked
Keyless						
 <p>LF-Privacy</p> <p>F19</p>	<ul style="list-style-type: none"> Rotating inside knob/lever, OR Rotating outside knob/lever only when deadbolt is retracted. 	<ul style="list-style-type: none"> Turning the emergency key, OR Turning inside turn lever. 	<ul style="list-style-type: none"> Turning inside turn lever, OR Turning the emergency key. 	<ul style="list-style-type: none"> Turning inside turn lever, OR Rotating inside knob/lever retracts latch and deadbolt simultaneously, OR Turning the emergency key. 	Cannot be locked	Always unlocked
Available in 34H and 35H series only.						
 <p>N-Passage</p> <p>F01 (86N) (87N)</p>	Rotating inside or outside knob/lever	N/A	Cannot be locked	Always unlocked	Cannot be locked	Always unlocked
Available in 34H and 35H series only.						
 <p>Y-Exit</p>	Rotating inside knob/lever	N/A	Always locked	Cannot be unlocked	Cannot be locked	Always unlocked
The latchbolt is deadlocked with an auxiliary deadlatch. Available in 34H and 35H only.						
Special						
 <p>B4/B5-Entrance</p>	<ul style="list-style-type: none"> Outside key, OR Outside knob/lever—only when the deadbolt is retracted, OR Inside knob/lever—only when the deadbolt is retracted. 	Outside key	Extending deadbolt	Retracting deadbolt	Extending deadbolt	N/A
Trim is removable from the outside only. B4-Accepts competitors shallow groove cylinders, B5-accepts BEST cylinders.						
 <p>B6/B7-Entrance</p>	<ul style="list-style-type: none"> Inside key, OR Outside key, OR Outside knob/lever—only when the deadbolt is retracted, OR Inside knob/lever—only when the deadbolt is retracted 	<ul style="list-style-type: none"> Outside key OR Inside key 	Extending deadbolt	Retracting deadbolt		N/A
Trim is removable from the outside only. B6-Accepts competitors shallow groove cylinders, B7-accepts BEST cylinders.						

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

NOTE: Other special functions are available, such as “A”, “B”, “BW” and “L”. Contact Best Access Systems for details.

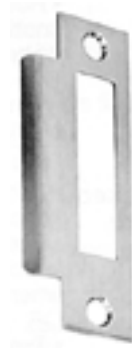
STRIKES



30HS1 Strike (Non-Handed)
 Functions C, F, FW, IND, LF, N, P, R, S, T, W.



30HS2 Strike (Handed)
 Functions E, EW, G, INL, J, WW, Y.



30HS3 Strike (Handed)
 Functions AW, FD, HF, and HJ.



30HS- 7/8 Strike (Handed)

30HS1 Strike

Dimensions— $4 \frac{7}{8}'' \times 1 \frac{1}{4}'' \times \frac{3}{32}''$ with curved lip (ANSI A115.1). To order **without unit**, designate 30HS1, door hand and finish. Proper strike is automatically supplied with all complete units as required by function.

30HS2 Strike

Dimensions— $4 \frac{7}{8}'' \times 1 \frac{1}{4}'' \times \frac{3}{32}''$ with curved lip (ANSI A115.1). To order **without unit**, designate 30HS2, door hand and finish. Proper strike is automatically supplied with all complete units as required by function.

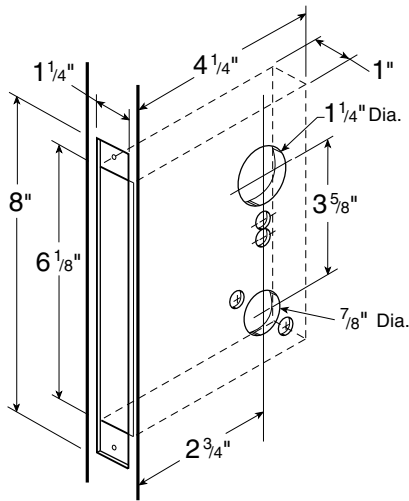
30HS3 Strike

Dimensions— $4 \frac{7}{8}'' \times 1 \frac{1}{4}'' \times \frac{3}{32}''$ with curved lip (ANSI A115.1). To order **without unit**, designate 30HS3, door hand and finish. Proper strike is automatically supplied with all complete units as required by function.

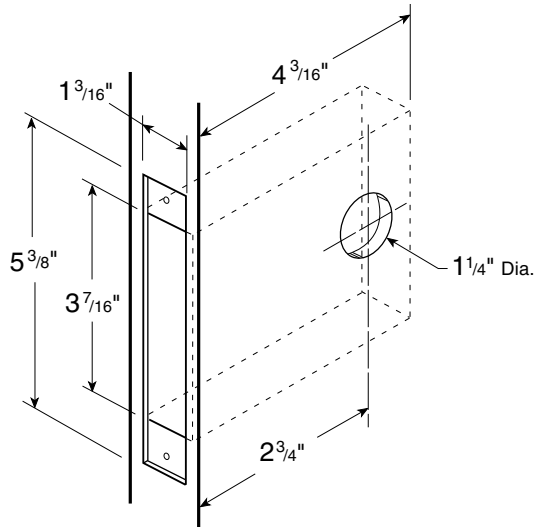
30HS-7/8-LTC Strike

Dimensions— $4 \frac{7}{8}'' \times 1 \frac{1}{4}''$ with flat lip (ANSI A115.1). To order **without unit**, designate 7/8-LTC, door hand and finish. **S1-C63015**, **S2-(RH-C63013)**, **(LH-63014)**, **S3-(RH-C63011)**, **(LH-63012)**

DOOR PREPARATION

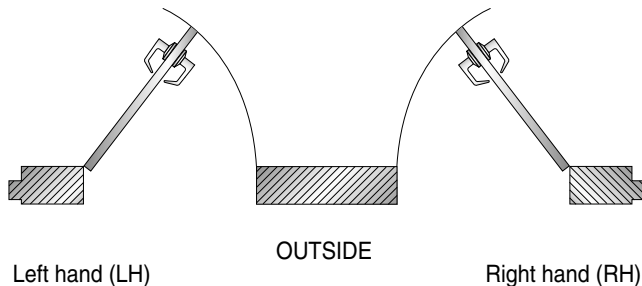


34H/35H Door Preparation
 (36H/37H require $1 \frac{3}{4}''$ cylinder hole)



38H Door Preparation

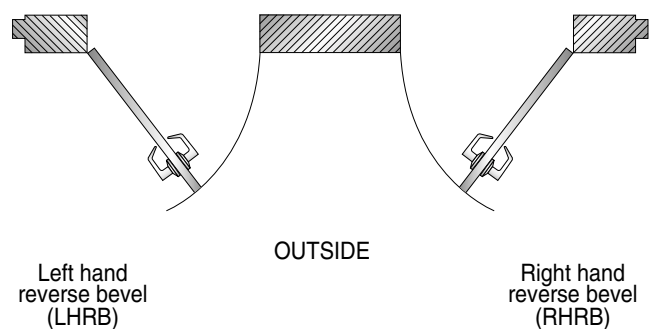
HAND OF DOOR



Left hand (LH)

OUTSIDE

Right hand (RH)



Left hand reverse bevel (LHRB)

OUTSIDE

Right hand reverse bevel (RHRB)

38H/39H SERIES MORTISE DEADLOCKS

Specifications

Faceplate: Armored. Brass or bronze, 5 3/8" x 1 3/16" x 7/32"

Backset: 2 3/4"

Case: Zinc dichromate plated steel.

Dimensions: 3 3/8" x 4 3/16" x 1"

Bolt: 1 3/16" x 9/16" x 1" throw, solid brass.

Strike:

Standard: 38HS1 flat strike, 3 1/2" x 1 1/8" x 3/32". (ANSI A115.5)

Optional: 38HS2 lip strike, 4 7/8" x 1 1/4" x 3/32". (ANSI A115.1)

Cylinder: 38H: 1E74 (see page 5)

39H: 1E7J4 (see page 5)

Door thickness: 1 3/4" standard. For doors other than 1 3/4", specify thickness

38H Series – ANSI A156.5 Grade 2

39H Series – ANSI A156.5 Grade 1



38H Series

39H Series

FUNCTION CHART

Function & Diag. BHMA# (Federal #)	Deadbolt operated by:
<p>*K-Cylinder Deadlock</p> <p>EO6071 (190K)</p>	<ul style="list-style-type: none"> Rotating the inside thumb turn rosette, <u>OR</u> Turning the key.
<p>*L-Cylinder Deadlock</p> <p>EO6081 (190L)</p>	Turning the key

Function & Diag. BHMA# (Federal #)	Deadbolt operated by:
<p>*M-Cylinder Deadlock</p> <p>EO6061 (190M)</p>	Turning the key from inside or outside
<p>*R-Cylinder Deadlock</p> <p>EO6091 (191)</p>	<ul style="list-style-type: none"> Turning the key from the outside. Rotating the inside thumb turn cylinder assembly retracts the deadbolt, but will not project it.

ATTENTION: Locksets that secure both sides of the door are controlled by building codes and the Life Safety Code®. In an emergency exit situation, failure to quickly retract the deadbolt could be hazardous or even fatal.

NOTES: Specify the hand of door when ordering. The R function deadlock can only be used on 1 3/4" thick doors.

ORDER PROCEDURE - 38H/39H SERIES

38H Series	7 Core Housing	K Function Code	626 Standard Finishes	Options	**
38H- standard 39H- high security	7-7-pin housing 38H accepts all Best cores; 39H only 5C cores	see above	38H- 605 606 611 612 613 618 619 625 626 690 39H- 626 ONLY	K-1E7K4 high security cylinder- (non UL)-39H only. SH- security head screw	

**Must specify key mark and number of keys or designate L/C for less core.

SPECIAL FEATURES

Abrasive Levers– Besides complying with a wide variety of accessibility codes and ordinances, Best Access Systems mortise lever handles are available with a special abrasive feature. Unique texturing on the lever immediately identifies warnings on doors to hazardous areas for the blind. **To order:** designate "**AL**" on 35H/37H in order procedure (page 4).

Tactile Feature Knob/Lever– Grooves are machined into #4 and #6 solid brass or bronze knobs, and lever handles #14, #15, #16 (in the back of handgrasps) to improve grip or can be used as a warning in hazardous areas. This option can be used for Blind, Safety or Accessibility applications. **To order:** designate "**TAC**" on 34H/36H knobs or "**TL**" on 35H/37H levers in order procedure (page 4).

Knurled Feature Knob / Lever– This feature is available only on #44 knobs, also #3, and #12 levers. This feature can be used to improve grip or can be used as a warning for hazardous areas. This option can be used for Blind, Safety or Accessibility applications. **To order:** designate "**KNL**" on order procedure (p. 4).

Lead Lined Feature– The 30H mortise lock can be lead lined to protect against x-rays. Since the majority of lead lined doors contain the lead in the surface of the door, the 30H provides lead lining for the holes cut in the door when preparing the door for the trim. The two holes that are lead lined are the knob hole and the cylinder hole. (except in double cylinder or non-keyed functions). **To order:** designate "**LL**" on order procedure (p. 4).

RQE Feature– The 30H mortise lock can be supplied with a request-to-exit (RQE) switch. This feature has a solenoid locking mechanism that provides a way to lock or unlock a door momentarily or for extended periods from a remote location. **To order:** designate "**RQE**" on order procedure (page 4).

SERVICE EQUIPMENT



ED211

ED 211 Mortise Cylinder Wrench– The Best mortise cylinder wrench and test handle is an essential dual-purpose tool. It is used primarily to install or remove Best mortise cylinders without marring the cylinder surface finish. The single end may be used to test the lock operation, as well as align the throw pins.

To order specify: ED 211 mortise cylinder wrench.

ED 212 Mortise Cylinder Cam Assembly Tool– Mortise cylinder cams are quickly changed with the use of this tool. Approximate length 1 3/4".

To order specify: ED 212 assembly tool.

ED 221 Mortise Cylinder Thread Repair Die– Tool for rethreading 1 5/32" diameter cylinders.

To order specify: ED 221 thread repair die.

ED 222 Cylinder Cam Testing Tool– Special cylinder / wrench assembly. Screws provide rapid means to install cams for testing.

To order specify: ED 222 cam testing tool.

ED 225 Hole Tap for 1 5/32" Mortise Cylinder– Tap tool used to rethread housing threads for 1E Mortise Cylinders.

To order specify: ED 225 hole tap.



ED212

KD 316 Mortise Cylinder Wrench (C54466)– All "H" locksets require the use of the KD 316 spanner wrench for door mounting. This tool is included with every (10) locksets ordered. If more are needed designate quantity and **KD 316** on your order.

PATENTED KEYING



BEST Peaks™
Patented Keying

BEST Peaks®–

For advanced solutions in key control and security, BEST offers Peaks®, the most adaptable and cost effective patented keying system on the market. The patented mechanism ensures that cylinders and cores will only operate with the Peaks® keys, which are only available through authorized BEST distributors.

For BEST products, Peaks® offers the security and convenience of a patented solution for interchangeable core. Peaks™ is also available to adapt to a wide variety of locks from other manufacturers. All cylinders can be keyed into the same system, providing you the ability to operate all the locks at your facility using a single key, regardless of the lock manufacturer.

A. Locksets and Latchsets:

[Best Access Systems.] - [_____.] [_____.]

1. Base Specification: Best Access Systems components as listed Schedule per Article 3.05.
2. Locksets and latchsets of other acceptable manufacturers must conform to the requirements of Subparagraphs 3 and 4.
3. Mortise Type:
 - a. Locksets and latchsets shall be heavy duty mortise type with hinged, anti-friction, 3/4 inch throw latchbolt with anti-friction piece made of self-lubricated stainless steel. Functions and design as indicated in the hardware groups. Deadbolt functions shall be one inch projection stainless steel construction. Both deadbolt and latchbolt to extend into lock case a minimum of 3/8 inch when fully extended.
 - b. Knobs to be [_____] design.
Levers to be [_____] design.
 - c. Furnish locksets and latchsets with sufficient strike lip to protect door trim.
 - d. Provide locksets with 7 pin [Best] interchangeable core cylinders. [All mortise cylinders shall have a concealed internal set screw for securing the cylinder to the lockset. The internal set screw will be accessible only by removing the core from the cylinder body.]
 - e. All mortise locksets and latchsets must conform to ANSI A156.13, Series 1000, Operational Grade 1 [Security Grade 2 for locksets in security areas] and be listed by UL. [High Security Option: All mortise locksets must conform to ANSI A156.13, Series 1000, Operational Grade 1, Security Grade 1 and listed by UL, and must include interchangeable core cylinders which conform to High Security Cylinder requirements or UL 437.
 - f. Locksets must fit ANSI A115.1 door preparation.
 - g. Locksets and latchsets to have self-aligning through-bolted trim.
 - h. Auxiliary deadlatch to be made of one piece stainless steel, permanently lubricated.
 - i. Locksets must be available with tactile or knurled knobs or levers for identification of hazardous areas.
 - j. Knobs must be brass or bronze material and a minimum of .100 inch thick at the thinnest point of knob wall.
 - k. Lever handles must be of forged or cast brass, bronze or stainless steel construction and conform to ANSI A117.1. Levers which contain a hollow cavity are not acceptable.

Subparagraphs l, m, and n describe quality features of Best mortise locksets which may or may not be available from other lock manufacturers. Edit accordingly.

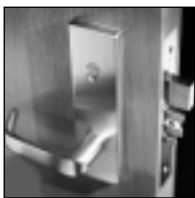
- [l. Spindle to be such that if forced it will twist first, then break, thus preventing forced entry.]
 [m. Knobs and levers to be operated with a roller bearing spindle hub mechanism.]
 [n. Permanent core face must be the same finish as the lockset finish.]

B. Keys and Keying

1. Provide construction cores and keys during the construction period. Construction, control and operating keys and cores shall not be part of the Owner's permanent keying system or furnished on the same keyway as the Owner's permanent keying system. Permanent cores and keys prepared according to the accepted keying schedule will be furnished to the Owner by the local Best Access Systems office prior to occupancy. The Owner or Owner's agent will install permanent cores and return the construction cores to the Best Access Systems office.
2. All cylinders shall be Best 7-pin, interchangeable core and keyed into a [new] [existing] factory registered Grand Master key System with a restricted keyway.
3. Permanent keys and cores shall be stamped with the applicable key mark for identification. These visual key control marks or codes will *not* include the actual key cuts. Permanent keys will also be stamped "Do Not Duplicate", "U.S. Gov.-Do Not Duplicate". [_____.]
4. Grand Masterkeys, Masterkeys and other Security Keys shall be transmitted to the Owner U.P.S. delivery confirmation request.
5. Furnish keys in the following quantities:

1 each	Grand Masterkey
2 each	Masterkeys per set
1 each	Change key per each keyed core
2 each	Construction masterkeys
2 each	Control keys
6. Computer key and core control software Best Access Systems' Keystone® 600 will be provided and registered to the owner by the local Best Access Systems office. The owner will furnish compatible hardware to operate the key and core control program. The Best Access Systems office will provide initial training on computer key and core control as well as ongoing support including software updates.

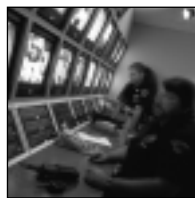
BEST ACCESS SYSTEMS' PRODUCTS



Mechanical Access Control



Electronic Access Control



Video Surveillance (CCTV)



Security Consultation Services



Burglar Alarm



Service & Installation

317-849-2250

www.bestaccess.com

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Product Warranty – Best Access Systems warrants that all of its products sold under its trade name "BEST" are free of defects in materials, workmanship and operation, normal wear and tear excepted, for a period of **three years** from the date of sale to the original purchaser.

Concerning Proper Installation: Installation instructions for any Best Access Systems product should be carefully followed for proper operation of the installed product. If improperly installed, malfunction of the product may result.



Providing Security. Customizing Solutions.

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10M 602HP
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