

# 48H/49H Series-Mortise Deadlocks

## Specifications

**Case:** 0.095" cold rolled steel, 3 3/8" x 4 3/16" x 1". Steel is zinc dichromate plated for corrosion protection.

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

**Strike:** Brass, bronze, or stainless steel base material.

**48HS1:** Flat strike supplied standard, 3 1/2" x 1 1/8" x 3/32"

Fits standard door frame cut-out as specified in ANSI A115.5.

**48HS2:** Lipped strike supplied as option, 4 7/8" x 1 1/4" x 3/32". Fits standard door frame cut-out as specified in ANSI A115.1.

**Backset:** 2 3/4"

**Door Thickness:** Standard lock configuration designed for doors 1 3/4" thick. Thick door configuration available for doors up to 3" thick (specify thickness when ordering).

NOTE: "R" function not available for thick door.

**Deadbolt:** Stainless steel, 1" throw

### Trim:

**48H:** Cylinder and trim ring only.

**49H:** M escutcheon supplied; refer to 47H specification for dimensions.

### Finishes:

**48H:** Available in all finishes offered for 45H.

**49H:** Available in 626 only.



48H Series

49H Series

# Standard Mortise Cylinder

## Standard 1E74 Mortise Cylinder

Designed for standard security applications, BEST® offers the 45H/48H 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.

### 1E74 Cylinder Specifications

**Diameter:** 1 5/32". 1150-32 (NS-2A) threaded mortise cylinder.

**Length:** 1 1/4"

**Material:** Brass or bronze.

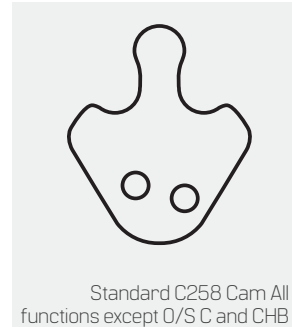
**Finish:** Supplied to match mortise lockset trim (see specifications, page 3).

**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.

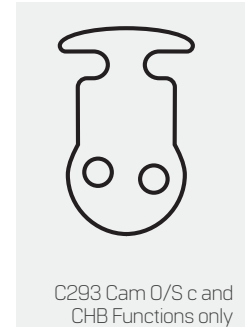
**Cam:** Proper cam provided for cylinder as required by designated function on order. Special cams available; see cylinder catalog section.



1E74 Standard Mortise Cylinder



Standard C258 Cam All functions except O/S C and CHB



C293 Cam O/S c and CHB Functions only

# High Security Cylinder

## 1EJ7J4 High Security rCylinder

Designed for high security applications, BEST® offers the 47H/49H mortise locksets, utilizing the 1EJ7J4 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 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: 1EJ7J4 must be combined at factory to comply to UL437. 1EK7K4 is combined in the field and may be ordered less core.

### 1EJ7J4 Cylinder Specifications

**Diameter:** 1 5/32". 1150-32 (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".

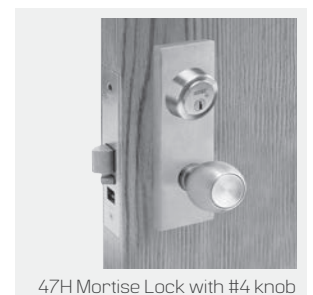
**Cylinder Face, Keyway Disc:** Stainless steel, hardened.

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

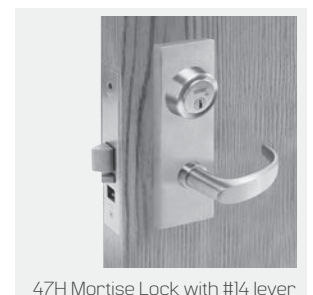
NOTE: 1EJ7J4 must be combined at factory to comply to UL437. 1EK7K4 is combined in the field and may be ordered less core.



1EJ7J4 High Security Cylinder



47H Mortise Lock with #4 knob



47H Mortise Lock with #14 lever