**Deadlatch - 451 Series**

Offers flexibility of traffic control for buildings that require free entrance during specific times and exit only at other times. A reverse turn of the key, while the bolt is retracted, retains the bolt for two-way traffic.

Interchangeable with the 185 Series Deadbolts.

- **Backsets:** 3/16" (24.59 mm), 1/4" (28.58 mm), 1/2" (38.1 mm)
- **Case:** Steel with corrosion resistant plating. Depth varies by backset
- **Latchbolt:** 5/8"W x 1 1/2"L (15.88 mm x 38.1 mm), field reversible handing
- **Backsets:**
  - 31/32" (24.6 mm)
  - 1-1/8" (28.6 mm)
  - 1-1/2" (38.1 mm)
- **Case:** Steel with corrosion resistant plating
- **Zinc latch with Delrin insert for quiet operation**
- **Auxiliary latchbolt feature prevents “loiding” or jimmying with knife**
- **Accepts standard 1 1/32" (29.36 mm) diameter mortise cylinder**
- **Supplied pre-handed, but field reversible**
- **Aluminum faceplate measures 1"x 6 7/8" (25.4 mm x 174.63 mm)**
- **Available with one or two faceplates or individually packaged without faceplates**
- **Sets can be purchased with choice of 8 strike set combinations**
- **Strike sets include dust box and mounting plates**
- **Cycle testing exceeds ANSI Grade 1 standards**

**Stile Preparation**

**Lock & Stile**

**Stile**

**Backset**

- **"M"**
  - 3/16" (24.6 mm)
  - 1/4" (28.6 mm)
  - 1/2" (38.1 mm)

**Backset must be measured at center line of Stile Nose**

**Shown with Radius Faceplate**

**Bolt Cutout in Strike**

**Lock & Cylinder Installation**

**Cylinder Cam**

- **Cam No.**
  - "A"
  - .80 20.4
  - .18 4.6
- **Radius**
  - .12 3
- **Tolerance**
  - ± .005
  - a .13

**Faceplate Styles**

- Bevel
- Radius
- Flat

These locks are operable by any standard 1 1/32" diameter mortise cylinder with cam dimensions as shown.
Mortise Locks - For Aluminum Stile Doors

Heavy Duty Deadlatch - 452 Series

Interchangeable with the 185 Series Deadbolts and 451 Series Deadlatch.

Backsets: 1¼” (28.58 mm)
- Steel case with corrosion resistant plating
- Auxiliary latchbolt feature prevents “loiding” or jimmying
- Accepts standard 1⅞” (29.36 mm) diameter mortise cylinder
- Handing is easily reversible using only a screwdriver without the need to reassemble springs
- Aluminum faceplate measures 1” x 6¾” (25.4 mm x 174.63 mm)
- Available with one or two faceplates. Also available individually packaged without faceplates
- Bevel tab feature provides adjustment of flat faceplates to either left or right hand bevel
- Depth adjusting tube spacers provides for precise installation
- Cycle testing exceeds ANSI Grade 1 standards

How To Order

Example 452 - F - 2 LH - 2 01 - 628

A Lock Series
- Add 628/313 following strike shape for 2 faceplates. Example: 451-F-2LH-201-628/313
- Add IP following handing designation for individually packaged items without faceplate and strike. Example: 451-2LH-IP (Left hand 31/32” (24.61 mm) backset deadlatch)

B Faceplate
- F = Flat
- R = Radius
- B = Bevel
- RW = Radius w/Weather Strip
- * 452 Series does not use bevelled faceplates

C Backset
- 2 = 31/32” (24.61 mm)
- 3 = 1 ⅛” (28.58 mm)
- 4 = 1 ⅛” (38.1 mm)
- * 452 Series is offered in 1 ⅛” (28.58 mm) only

D Handing
- LH = Left Hand/Right Hand Reverse
- RH = Right Hand/Left Hand Reverse

E Strike Size
- 1 = 4.63 (117.6 mm)
- 2 = 2.63 (66.8 mm)

F Strike Shape/ Lip Length
- 01 = Flat Standard Jamb
- 02 = Radius/Standard Stile
- 17 = Flat/Center hung 4.0” (101.6 mm) Jamb
- 21 = Flat/Center hung 4.5” (114.3 mm) Jamb
- * To order without strike, exclude “E & F”

G Finish
- 628 = Aluminum
- 313 = Dark Bronze
- 335 = Black
- 628/313 = Both Faceplates included of the same type