## Hardware Group AD-2 - Latch by Thumbturn with Occupancy Indicator

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
<th>DIRECTION: OPEN RIGHT</th>
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<tbody>
<tr>
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<td>Mortise Lock</td>
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<td>HDW0067, 66, 68</td>
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<td>Bottom Track</td>
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**Description**

1. **16" Ladder Pull**
2. **Mortise Lock**
3. **Thumbturn with Occupancy Indicator**
4. **Adapter Sleeve**
5. **Adjustable Strike Plate**
6. **Bottom Track**
7. **or Acoustic Bottom Track**

**Part Numbers**

- HDW0070-1
- HDW0016
- HDW0017
- HDW0075
- HDW0067, 66, 68
- EXTR0009
- HDW002X

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**Hardware Group: AD-2**

**16" Ladder Pulls**

Latch by Thumbturn & Occupancy Indicator

Sliding Flush Wood Door
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**NOTE:** ** For wood stile and rail door leaves, a minimum 6" stile width is required for door construction.

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**Hardware Group: AD-2**

16" Ladder Pulls

Latch by Thumbturn & Occupancy Indicator

Sliding Stile & Rail Wood Door

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**AD-102019**
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**NOTE:** ** For wood stile and rail door leaves, a minimum 6" stile width is required for door construction.

---

**Description**

16" Ladder Pull
Mortise Lock
Thumbturn with Occupancy Indicator
Adapter Sleeve
Adjustable Strike Plate
Bottom Track
or Acoustic Bottom Track

**Part Number**

HDW0070-1
HDW0016
HDW0017
HDW0075
HDW0067, 66, 68
EXTR0009
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**Hardware Group: AD-2**  
16" Ladder Pulls  
Latch by Thumbturn & Occupancy Indicator  
Sliding Stile & Rail Wood Door

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**AD SYSTEMS**
HIGH PERFORMANCE DOORS

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Hardware Group: AD-2

16" Ladder Pulls

Latch by Thumbturn & Occupancy Indicator

Sliding Stile & Rail Aluminum Door
# Hardware Group AD-2 - Latch by Thumbturn with Occupancy Indicator

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**NOTE:** ** For aluminum stile and rail door leaves, a minimum 4" stile width is required for lock backset.
## Hardware Group AD-2 - Latch by Thumbtturn with Occupancy Indicator

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**Description**

**DIRECTION: OPEN RIGHT**

- **16" Ladder Pull**
- **Mortise Lock**
- **Thumbtturn with Occupancy Indicator**
- **Adapter Sleeve**
- **Adjustable Strike Plate**
- **Bottom Track**
- **or Acoustic Bottom Track**

**Part Number**

- HDW0070-1
- HDW0016
- HDW0017
- HDW0075
- HDW0067, 66, 68
- EXTR0009
- HDW002X

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**Hardware Group: AD-2**

16" Ladder Pulls
Latch by Thumbtturn & Occupancy Indicator
Sliding Flush Wood Door
### Hardware Group AD-2 - Latch by Thumbturn with Occupancy Indicator

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**Description:**
- 16" Ladder Pull
- Mortise Lock
- Thumbturn with Occupancy Indicator
- Adapter Sleeve
- Adjustable Strike Plate
- Bottom Track or Acoustic Bottom Track

**Part Number:**
- HDW0070-1
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16" Ladder Pull | HDW0070-1 | 
Mortise Lock | HDW0016 | 
Thumbturn with Occupancy Indicator | HDW0017 | 
Adapter Sleeve | HDW0075 | 
Adjustable Strike Plate | HDW0067, 66, 68 | 
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or Acoustic Bottom Track | HDW002X | 

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**NOTE:** ** For wood stile and rail door leaves, a minimum 6" stile width is required for door construction.

**Description**

- **Stile & Rail Wood Door**
- **Bottom Track**
- **Thumbrturn Inside**
- **Occupancy Indicator**
- **Ladder Pull Outside & Inside**
- **46 7/8" CL of Pull to Top of Door**
- **37 1/2" FF to CL of Pull**
- **48" FF to CL of Cylinder**
- **2 1/2" Pull Backset**
- **2 3/16" Lock Backset**
- **35 3/8" CL of Mortise to Top of Door**
- **3/8" Typical Undercut**
- **6" Stile (Typical)**
- **Cutout Less .25"**
- **Varies**
- **Glass Dimension**
- **6" Top Rail (Typical)**
- **84" Standard Door Leaf**
- **10" Standard Bottom Rail (6" Min.)**
- **68" Cutout**
- **16" Ladder Pulls**
- **HDW0070-1**
- **Mortise Lock**
- **HDW0016**
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- **or Acoustic Bottom Track**
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Hardware Group: AD-2
16" Ladder Pulls
Latch by Thumbturn & Occupancy Indicator
Sliding Stile & Rail Wood Door
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Thumbturn with Occupancy Indicator | HDW0017 | **NOTE:** ** For wood stile and rail door leaves, a minimum 6" stile width is required for door construction.
Adapter Sleeve | HDW0075 | 
Adjustable Strike Plate | HDW0067, 66, 68 | 
Bottom Track | EXTR0009 | 
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### Hardware Group AD-2 - Latch by Thumbturn with Occupancy Indicator

- **16" Ladder Pulls**
- **Mortise Lock**
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**NOTE:** ** For aluminum stile and rail door leaves, a minimum 4" stile width is required for lock backset.

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**Hardware Group: AD-2**

**16" Ladder Pulls**

Latch by Thumbturn & Occupancy Indicator

Sliding Stile & Rail Aluminum Door

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HIGH PERFORMANCE DOORS

AD-102019
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**NOTE:** ** For wood stile and rail door leaves, a minimum 6" stile width is required for door construction.

## Hardware Group: AD-2

16" Ladder Pulls
Latch by Thumbturn & Occupancy Indicator
Sliding Stile & Rail Wood Door
### Hardware Group AD-2 - Latch by Thumbturn with Occupancy Indicator

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Innovation behind every door
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1.425.740.6011
### Hardware Group AD-2 - Latch by Thumbtturn with Occupancy Indicator

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### Diagram

- Stile & Rail Aluminum Door Shown from Outside
- 4" Stile (Typical)
- 4" Top Rail
- 84 1/4" Standard Door Leaf
- 3/8" Typical Undercut
- 4" Bottom Rail
- 35 13/16" CL of Mortise to Top of Door
- 47 15/16" CL of Pull to Top of Door
- 2 3/16" Lock Backset
- 2 1/2" Pull Backset
- 37 1/2" FF to CL of Cylinder
- 48" FF to CL of Cylinder
- Thumbturn Inside
- Ladder Pull Outside & Inside
- Bottom Track

**Hardware Group: AD-2**  
16" Ladder Pulls  
Latch by Thumbturn & Occupancy Indicator  
Sliding Stile & Rail Aluminum Door  

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AD-102019
FUNCTION DESCRIPTION:
Upon door close, User to rotate Thumbturn 1/4" turn to lock.
To Open: User to rotate Thumbturn 1/4" turn in opposite direction to unlock, then pull door open.
No Pinching, Twisting or Grasping required.

THUMBTURN WITH OCCUPANCY INDICATOR (HDW0017)
ADAPTER SLEEVE (HDW0075)

MORTISE (HDW0016)
1" Dia. 16" Ladder Pull
8" Center to Center Attachment
Finish: US32D
TYPICAL DOOR LAYOUT

DOOR SHOWN IN CLOSED POSITION

ROOM SIDE

DOOR SHOWN IN OPEN POSITION

ROOM SIDE

OPEN DIRECTION

HALLWAY

DOOR LEAF

OPEN DIRECTION

HALLWAY

CLEAR OPENING

4 1/2"

STRIKE PLATE

2 3/16" Backset

1 1/2"

Door & Thumbturn in closed position

Back to Back 1"Ø Ladder Pulls

Gripping Clearance

2 5/8"

Indicator

2 1/2" Backset

Setting Block
(Not by AD)

Daylite Opening

3/8" BITE

1/8" GAP

GLAZING

ALUMINUM DOOR

IF REQUIRED

DETERMINING GLASS SIZES

Setting Block
(Not by AD)

1/8" GAP

CUT OUT

GLAZING

WOOD DOOR

Hardware Group: AD-2

Gripping Clearance Dimensions

Open Right (OR) Shown

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