



## 4500 Series Mortise

### Grade 1 Mortise Lock Exit Device

#### Applications

Heavy duty commercial



#### PRODUCT SPECIFICATIONS

##### Certifications:

ANSI/BHMA A156.3-2014 Grade 1  
UL305 Listed for Panic Hardware  
UL/cUL Listed for up to 3 hours for "A" labeled doors up to 10' in height  
UL10C Positive Pressure Rated  
UL10B Neutral Pressure Rated  
Complies with ANSI A117.1 for accessible buildings and facilities

##### Cover:

Stainless steel, zinc

##### Cover Tube:

Aluminum

##### Dogging:

Hex key dogging standard on panic rated devices  
Cylinder dogging available on panic rated devices, specify "CD" ( 3902 1-1/8" (29 mm), mortise cylinder sold separately)

##### Door Thickness:

1-3/4" (44 mm) - Standard

##### Door Width:

36" (914mm) field sizeable to 30" (762mm) panic-rated door and 28" (71 mm) fire-rated door  
48" (1219mm) field sizeable to 36" (914mm) panic- or fire-rated door  
Reference electrified exit device for door width specifications

##### End Caps:

Standard end cap (zinc)  
OPTIONAL Flush end cap (zinc)

##### Fasteners:

Wood and machine screws  
Thru-bolts

##### Finishes:

US3, US4, US10B, US26, US26D, US32D, BLK  
Trim is not available in US32D

##### Functions:

4501M: MB, 14 - always operable; MC, 08 - key locks unlocks lever;  
MD, 02 - pull when device is dogged down  
4501N: MN, 03 - key retracts latchbolt

##### Latchbolt Type:

3/4" (19mm) throw with anti-friction tongue, all stainless steel with auxiliary deadlocking latch

##### Notes:

Recommended to be used on appropriately reinforced doors

##### Projection:

3" (76mm) in undogged position  
2-5/8" (67mm) in dogged position

##### Push Bar:

OPTIONAL Photoluminescent push bar cover available

##### Stile Width:

4-1/2" (114mm)

All stile widths are measured from the door edge

##### Strikes:

4-7/8" (124mm) ASA strike-standard

Stainless steel with plated rollers included standard with panic devices

##### Trim:

Archer, August, William or Withnell lever with escutcheon (3902, 1-5/8" cylinder with standard cam sold separately)  
Mortise cylinder (1-3/8") with cylinder collar (11/16") x optional pull  
Mortise trim (45MB, 45MC, 45MD, 45MN) does not match center line of other 4500, Series trim ( 45BE, 45CE, 45DT, 45NL)

##### Warranty:

Lifetime