

4500 Series Mortise

Grade 1 Mortise Device



Applications:

- Heavy duty commercial

Certifications:

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



PRODUCT SPECIFICATIONS

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)

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

COVERS:

- Stainless steel, zinc

COVER TUBE:

- Aluminum

END CAPS:

- Zinc

DOOR WIDTH:

- 36" (914 mm) field sizeable to 30" (762 mm) panic rated door and 28" (711 mm) fire rated door (with DE, ED, ELR minimum is 36" for both panic and fire rated doors)
- 48" (1219 mm) field sizeable to 36" (914 mm) door

DOOR THICKNESS:

- 1-3/4" (44 mm) - standard up to 3", except with night latch which is 2-1/2"

PROJECTION:

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

STILE WIDTH:

- 4-1/2" (114 mm)
- All stile widths are measured from the door edge

FASTENERS:

- Wood and machine screws
- Thru-bolts

LATCHBOLT:

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

STRIKES:

- 4-7/8" (124 mm) ASA strike-standard
- Stainless steel with plated rollers included standard with panic devices

FINISHES:

- US3, US4, US10, US10B, US26, US26D, US32D

DOGGING:

- Hex key dogging standard on panic rated devices
- Cylinder dogging available on panic rated devices, specify CD (3902 mortise cylinder with standard cam sold separately)

NOTE:

- Recommended to be used on appropriately reinforced doors