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PRODUCT SPECIFICATIONS
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# 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:**
- Standard end cap (zinc)
- **OPTIONAL** Flush end cap (zinc)

**DOOR WIDTH:**
- 36" (914 mm) field sizeable to 30" (762 mm) panic-rated door and 28" (711 mm) fire-rated door
- 48" (1219 mm) field sizeable to 36" (914 mm) panic- or fire-rated door
- Reference electrified exit device for door width specifications

**DOOR THICKNESS:**
- 1-3/4" (44 mm) - standard

**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

**PUSH BAR:**
- **OPTIONAL** Photoluminescent push bar cover available

**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