

## SECTION 08710 - DOOR HARDWARE

### PART 1 - GENERAL

#### 1.1 SECTION REQUIREMENTS

- A. Submittals: Hardware Schedule.
- B. Deliver keys to Owner.
- C. For fire-rated openings provide hardware tested and listed by UL or FMG (NFPA 80). On exit devices provide UL or FMG label indicating "Fire Exit Hardware."

### PART 2 - PRODUCTS

#### 2.1 HARDWARE

##### A. Hinges:

1. Stainless-steel or brass/bronze hinges with stainless-steel pins for exterior.
2. Nonremovable hinge pins for exterior and public interior exposure.
3. Ball-bearing hinges for doors with closers and entry doors.
4. Three hinges for 1-3/4-inch- (45-mm-) thick doors 90 inches (2300 mm) or less in height; four hinges for doors more than 90 inches (2300 mm) in height.

##### B. Locksets and Latchsets:

1. **Basis of Design:** Schlage
2. BHMA A156.2, Series 4000, for bored locks and latches.
3. BHMA A156.3, Grade 1 for exit devices.
4. BHMA A156.5, Grade 1 for auxiliary locks.
5. BHMA A156.12, Series 5000, Grade for interconnected locks and latches.
6. BHMA A156.13, Series 1000, Grade for mortise locks and latches.
7. Lever handles on locksets and latchsets.
8. Provide trim on exit devices matching locksets.

##### C. Key locks to Owner's master-key system.

1. Provide Best IC with F key way cylinders. No substitutions allowed.
2. Provide cylinders for overhead doors and other locking doors that do not require other hardware.
3. Provide construction keying.
4. Provide key control system, including cabinet.

##### D. Closers:

1. Mount closers on interior side (room side) of door opening. Provide regular-arm, parallel-arm, or top-jamb-mounted closers as necessary.
2. Adjustable delayed opening (accessible to people with disabilities) feature on closers.

- E. Provide wall stops or floor stops (or hinge mounted stops where wall or floor stops not appropriate) for doors where required on drawings.
- F. Provide hardware finishes as follows:
  - 1. Hinges: Matching finish of lockset/latchset.
  - 2. Locksets, Latchsets, and Exit Devices: Satin chrome plated.
  - 3. Closers: Matching finish of lockset/latchset.
  - 4. Other Hardware: Matching finish of lockset/latchset.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Mount hardware in locations recommended by the Door and Hardware Institute, unless otherwise indicated. Entire building shall be handicapped-accessible.

3.2 HARDWARE SCHEDULE

- A. Contractor to develop hardware schedule for Architect's and Owner's review based on Door Schedule on drawings and this specification.

END OF SECTION 08710