

1. Stops and Bumpers: BHMA A156.16.
  2. Mechanical Door Holders: BHMA A156.16.
  3. Electromagnetic Door Holders: BHMA A156.15.
  4. Combination Overhead Holders and Stops: BHMA A156.8.
  5. Door Silencers: BHMA A156.16.
- C. Floor Stops: For doors, unless wall or other type stops are scheduled or indicated. Do not mount floor stops where they will impede traffic.
1. Where floor or wall stops are not appropriate, provide overhead holders.
- D. Silencers for Metal Door Frames: BHMA Grade 1; neoprene or rubber, minimum diameter 1/2 inch (13 mm); fabricated for drilled-in application to frame.

#### 2.14 STOPS AND HOLDERS

- A. Rigid Wall Stops: Polished cast brass, bronze, or aluminum; 3-1/2 inches (89 mm) long, with rubber bumper; expansion-shield application.
- B. Wall Bumpers: Polished cast brass or aluminum with rubber bumper; 2-1/2-inch (64-mm) diameter, minimum 3/4-inch (19 mm) projection from wall, with backplate for concealed fastener installation.
- C. Roller-Type Bumpers: Polished cast brass or bronze; minimum 4-3/8-inch (111-mm) projection from wall; attached by surface screws.
- D. Rigid Floor Stop: Polished cast brass, bronze, or aluminum, with rubber bumper; and as follows:
- E. Dome-Type Floor Stop: Polished cast brass, bronze, or aluminum, with rubber bumper; and as follows:
1. Height: Minimum 1 inch (25 mm) high, for doors without threshold, 1-3/8 inches (35 mm) high, for doors with threshold.
  2. Riser: Extruded aluminum for carpet installations.
- F. Lever-Type Door Holders: Polished cast brass, bronze, or aluminum; consisting of 4-inch- (102-mm-) long arm that swings up and remains in vertical position; with replaceable rubber tip; surface-screw application.
- G. Plunger-Type Door Holders: Polished cast brass, bronze, or aluminum; minimum 1-1/8-inch (29mm) plunger throw; with replaceable rubber tip; surface-screw application.

#### 2.15 DOOR GASKETING, GENERAL

- A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
1. Door Gasketing:
    - a. Hager Companies.
    - b. National Guard Products, Inc.