At Hager Companies, we know all about the importance of adding the right finishing touches to your building projects. That’s why we’re proud to offer more than 200 different trim and auxiliary door hardware products in a variety of designs, sizes, and finishes that not only look great, but also provide long-lasting wear in any application. Whatever you need, from pulls to push plates, protection plates to door edgings, wall and floor stops to flush bolts, coordinators, signage, and much more—Hager trim and auxiliary products give you great looks and proven durability.
TRIM & AUXILIARY

MANUFACTURING OPTIONS
Hager Companies can deliver custom door pulls made to your specifications, or choose from our collection of pull designs. Hager’s comprehensive selection of door pull hardware includes standard push/pull bars or multiple push bar combinations with center-to-center made to order.

PUSH/PULL PLATE DETAILS

Standard Grip Positions
Pulls are centered vertically or lowered when necessary to meet minimum top spacing requirement. Be certain the pull selected will fit on specified plate under these conditions.

Special Pull Positions
Where pairs of doors are involved and active leaf pull plate is lettered or has a cutout, order pull plate for inactive leaf Grip To Align (WOC). This will ensure horizontal alignment of pull on both plates. Always furnish complete details when ordering non-standard pull positions.

PULL PLATES UP TO 4" WIDE

PULL PLATES OVER 4" WIDE
(HANDING REQUIRED WITH CUTOUTS)

Cut Outs
Standard cutout sizes: Cut for Cylinder (CFC) – 1 1/4" (32 mm) diameter; Cut for Thumbturn (CFT) – 3/8” (10 mm) diameter.

All plates may be ordered with cutout option by adding the appropriate suffix (i.e., 30S-CFC).

Standard cutouts are positioned 2” (51 mm) from top of plate where this option has been ordered. Cutouts are centered on plates up to 4” (102 mm) wide or 2” (51 mm) from edge of plates over 4” (102 mm) wide. The latter are “handed” with cutouts. Furnish hand of door when ordering. Provide complete details for all non-standard cutouts.

Flush Back Mounting
Pull plates using #3, 4, or 10 pull types can be furnished with a flush back (no projections). Specify code FB, (i.e., 33E-FB). Note: Use thru-bolts supplied with mountings for best security.

Back-To-Back Mounting
Many pulls may be ordered back-to-back (BTB) and availability will be noted on each particular product page (refer to product page). Specify the correct part number and center-to-center unless already specified.

Handicap Option
Pulls that must meet the 2-1/2” (64 mm) clearance for ADA requirements are available. Must specify part number with prefix “H” (i.e., H2E). Please refer to each individual part number for availability.

Engraving
Typical engraved lettering is in Helvetica style and colored black. On push or pull plates, standard position is horizontal on a line 2” (51 mm) from top of plate.
**Fasteners**

Illustrated below are various types of fasteners that can be furnished by Hager Companies. Please specify type of fastening desired. All types of fastening cannot be used with all items of hardware. If specified method is not possible, we reserve the right to furnish whatever type we feel is best suited for the installation. When used with tempered glass doors, specify thickness of glass and hole diameter.

- **Sex bolt and machine screws** (various sizes)
- **Lead anchor** (used with floor stops in masonry applications)
- **Plastic anchor and full threaded screw** (used in drywall or masonry applications)
- **Lag screw and shield**
- **Toggle bolt** (ideal for drywall applications)
- **Plastic toggle anchor** (used with wall stops in drywall applications)
- **Thru-bolt and finish washer** (flat or oval head; size as required)
- **Spanner head machine screws** (various sizes furnished at extra charge)
- **Security torx head machine screws** (various sizes furnished at extra charge)
METAL FINISH SYMBOLS

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<tr>
<th>US &amp; Hager</th>
<th>Description</th>
<th>Base Material</th>
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<td>Zinc Plated Steel</td>
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<td>603</td>
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<td>Bright Brass</td>
<td>Brass</td>
<td>605</td>
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<td>4</td>
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<td>Brass</td>
<td>606</td>
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<td>5</td>
<td>Satin Brass, Oxidized</td>
<td>Brass/Bronze</td>
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<td>9</td>
<td>Bright Bronze</td>
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<td>10B</td>
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<td>10R</td>
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<td>Flat Black Coated</td>
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<td>Plastic Laminate - Chocolate</td>
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<tr>
<td>S3</td>
<td>Sprayed Bronze</td>
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<td>-</td>
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</tbody>
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Note: For any finish not listed in this catalog, or explained above, availability on request.

ANTIMICROBIAL PROTECTION

Hager Companies’ full line of US32D stainless steel door pulls, push bars, push plates, and pull plates are available with AgION antimicrobial protection.

Hager uses a powder coat process to apply the antimicrobial treated coating to guarantee durability and protection. Antimicrobial resistance on products is affected by moisture in the air. Silver ions interact with humidity and are released creating a cleaner surface. The suppression of bacteria, mold and fungi is as easy as adding antimicrobial treated coating to your Hager products.

Antimicrobial Vital Stats

• US32D stainless steel
• EPA registered
• NSF approved
• FDA listed for food contact
• Designate your product with: MV3 for Trim & Auxiliary
1. **Modified Half Round Wrought Door Pull**
   - **Certification:** Meets ANSI A156.6 for J401 Pulls
   - **Base:** 1/2” x 1” (13 mm x 25 mm)
   - **Projection:** 2” (51 mm)
   - **Clearance:** 1-1/2” (38 mm)
   - **Door Thickness:** 1-3/4” (45 mm) - Standard
   - **Materials:** Aluminum, brass, bronze, stainless steel
   - **Fasteners:** Two (2) 1/4-20 thru-bolts with finish washers
   - **Handicap:** 2-1/2” (64 mm) clearance available on special orders - add prefix “H” to number (i.e., H1E)
   - **Options:**
     - May be combined with a plate to make a pull plate
     - Other centers on special order
   - **Notes:**
     - For sizes or finishes not listed in this catalog, contact Hager Customer Service for availability
     - Not suitable for BTB mounting

2. **Rectangular Wrought Door Pull**
   - **Certification:** Meets ANSI A156.6 for J401 Pulls
   - **Base:** 3/8” x 1-1/4” (10 mm x 32 mm)
   - **Projection:** 2” (51 mm)
   - **Clearance:** 1-5/8” (41 mm)
   - **Door Thickness:** 1-3/4” (45 mm) - Standard
   - **Materials:** Aluminum, brass, bronze, stainless steel
   - **Fasteners:** Two (2) 1/4-20 thru-bolts with finish washers
   - **Handicap:** 2-1/2” (64 mm) clearance available on special orders - add prefix “H” to number (i.e., H2E)
   - **Options:**
     - May be combined with a plate to make a pull plate
     - Other centers on special order
   - **Notes:**
     - For sizes or finishes not listed in this catalog, contact Hager Customer Service for availability
     - Not suitable for BTB mounting

3. **Round Wrought Door Pull**
   - **Certification:** Meets ANSI A156.6 for J401 Pulls
   - **Base Diameter:** 3/4” (19 mm)
   - **Projection:** 2-1/4” (57 mm)
   - **Clearance:** 1-1/2” (38 mm)
   - **Door Thickness:** 1-3/4” (45 mm) - Standard
   - **Materials:** Aluminum, brass, bronze, stainless steel
   - **Fasteners:** Two (2) 1/4-20 thru-bolts with finish washers
   - **Handicap:** 2-1/2” (64 mm) clearance available on special orders - add prefix “H” to number (i.e., H3E)
   - **Notes:**
     - For sizes or finishes not listed in this catalog, contact Hager Customer Service for availability
     - May be combined with a plate to make a pull plate
     - Other centers on special order
     - If ordered with tempered glass, specify glass thickness and hole size
### Round Wrought Door Pull

Certification: Meets ANSI A156.6 for J401 Pulls  
Base Diameter: 1" (25 mm)  
Projection: 2-3/4" (70 mm)  
Clearance: 1-3/4" (45 mm)  
Door Thickness: 1-3/4" (45 mm) - Standard  
Materials: Aluminum, brass, bronze, stainless steel  
Fasteners: Two (2) 1/4-20 thru-bolts with finish washers  
Handicap: 2-1/2" (64 mm) clearance available on special orders. Add prefix "H" to number (i.e., H4E)  
Notes:  
- For sizes or finishes not listed in this catalog, contact Hager Customer Service for availability  
- May be combined with a plate to make a pull plate  
- Other centers on special order  
- If ordered with tempered glass, specify glass thickness and hole size

### P4E Security Pull

Certification: Meets ANSI A156.6 for J401 Pulls  
Base: 1" (25 mm) diameter  
Projection: 2-1/4" (57 mm)  
Clearance: 1-1/4" (32 mm)  
CTC Length: 6" (152 mm)  
Material: Stainless Steel  
Finish: US32D  
Fasteners: Two (2) 3/8-16 x 1-1/4" "NYLOC" hex head cap screws  
Notes:  
- For metal doors  
- Requires reinforcing plate with an access plate and Torx screws for door edge

### T4E Security Pull

Certification: Meets ANSI A156.6 for J401 Pulls  
Base: 1" (25 mm) diameter  
Projection: 2-1/4" (57 mm)  
Clearance: 1-1/4" (32 mm)  
Door Thickness: 1-3/4" (45 mm) - Standard  
CTC Length: 6" (152 mm)  
Material: Stainless Steel  
Finish: US32D  
Fasteners: Two (2) 1/4-20 x 2-1/4" Security Torx thru-bolts

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**CTC Length**  
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**5D**

**Round Wrought Door Pull**

Certification: Meets ANSI A156.6 for J401 Pulls  
Base Diameter: 5/8” (16 mm)  
Projection: 2-1/8” (54 mm)  
Clearance: 1-1/2” (38 mm)  
CTC Length: 5-1/2” (140 mm)  
Door Thickness: 1-3/4” (45 mm) - Standard  
Materials: Aluminum, brass, bronze, stainless steel  
Fasteners: Two (2) 1/4-20 thru-bolts with finish washers  
Handicap: 2-1/2” (64 mm) clearance available on special orders. Add prefix “H” to number (i.e., H5D)  
Notes:  
- For sizes or finishes not listed in this catalog, contact Hager Customer Service for availability  
- May be combined with a plate to make a pull plate  
- If ordered with tempered glass, specify glass thickness and hole size  
- Not suitable for BTB mounting

**5N**

**Cast Pull**

Certification: Meets ANSI A156.6 for J401 Pulls  
O/A Height: 6-1/8” (156 mm)  
Base: 5/8” x 1-3/16” (16 mm x 30 mm)  
Projection: 2” (51 mm)  
Clearance: 1-1/2” (38 mm)  
CTC Length: 5-1/2” (140 mm)  
Door Thickness: 1-3/4” (45 mm) - Standard  
Materials: Aluminum, brass, bronze, stainless steel  
Fasteners: Two (2) 1/4-20 thru-bolts with finish washers  
Options: May be combined with a plate to make a pull plate  
Notes: Not suitable for BTB mounting

**6N**

**Cast Pull**

Certification: Meets ANSI A156.6 for J401 Pulls  
O/A Height: 6-1/2” (165 mm)  
Base Diameter: 1” (25 mm)  
Projection: 1-7/8” (48 mm)  
Clearance: 1-3/8” (35 mm)  
CTC Length: 5-1/2” (140 mm)  
Door Thickness: 1-3/4” (45 mm) - Standard  
Materials: Aluminum, brass, bronze, stainless steel  
Fasteners: Two (2) 1/4-20 thru-bolts with finish washers  
Options: May be combined with a plate to make a pull plate  
Notes: Not suitable for BTB mounting
TRIM & AUXILIARY

7N
Cast Pull
Certification: Meets ANSI A156.6 for J401 Pulls
O/A Height: 7-1/2” (190 mm)
Base Diameter: 2” (51 mm)
Projection: 1-7/8” (48 mm)
Clearance: 1-3/8” (35 mm)
CTC Length: 5-1/2” (140 mm)
Door Thickness: 1-3/4” (45 mm) - Standard
Materials: Aluminum, brass, bronze
Fasteners: Two (2) 1/4-20 thru-bolts with finish washers
Options: May be combined with a plate to make a pull plate
Notes: Not suitable for BTB mounting

8N
Cast Pull
Certification: Meets ANSI A156.6 for J401 Pulls
O/A Height: 7-1/2” (190 mm)
Base Diameter: 2” (51 mm)
Projection: 1-7/8” (48 mm)
Clearance: 1-3/8” (35 mm)
CTC Length: 5-1/2” (140 mm)
Materials: Aluminum, brass, bronze
Fasteners: Six (6) #8 x 1” OPHWS
Options: Not suitable for BTB mounting

P8N
Cast Pull
Certification: Meets ANSI A156.6 for J401 Pulls
O/A Height: 8 - 3/4” (222 mm)
Base: 1-1/2” x 1-5/8” (38 mm x 41 mm)
Projection: 2-1/4” (57 mm)
Clearance: 1-9/16” (40 mm)
CTC Length: 7-3/4” (197 mm)
Materials: Brass
Finishes: US4, US26D
Fasteners: Two (2) 3/8-16 x 3/4” FPHMS
Options: Security Torx screws available
Notes: Not suitable for BTB mounting
9
Oval Wrought Door Pull
Certification: Meets ANSI A156.6 for J401 Pulls
Base: 1/2” x 3/4” (13 mm x 19 mm)
Projection: 2” (51 mm)
Clearance: 1-1/2” (38 mm)
Door Thickness: 1-3/4” (45 mm) - Standard
Materials: Brass, bronze, stainless steel
Fasteners: Two (2) 1/4-20 thru-bolts with finish washers
Handicap: 2-1/2” (64 mm) clearance available on special orders. Add prefix "H" to number (i.e., H9E)
Options: • May be combined with a plate to make a pull plate
• Other centers on special order
Notes: • For sizes or finishes not listed in this catalog, contact Hager Customer Service for availability
• Not suitable for BTB mounting

10
Round Pull
Certification: Meets ANSI A156.6 for J401 Pulls
Base Diameter: 1-1/4” (32 mm)
Projection: 3” (76 mm)
Clearance: 1-3/4” (45 mm)
Door Thickness: 1-3/4” (45 mm) - Standard
Materials: Aluminum, brass, bronze, stainless steel
Fasteners: Two (2) 5/16-18 thru-bolts with finish washers
Handicap: 2-1/2” (64 mm) clearance available on special orders. Add prefix "H" to number (i.e., H10L)
Options: • May be combined with a plate to make a pull plate
• Other centers on special order
• If ordered with tempered glass, specify glass thickness and hole size
Notes: For sizes or finishes not listed in this catalog, contact Hager Customer Service for availability

11
Round Offset Pull
Certification: Meets ANSI A156.6 for J402 Pulls
Base Diameter: 3/4” (19 mm)
Projection: 2-1/2” (64 mm)
Offset: 2-1/2” (64 mm); 90° Standard
Clearance: 1-3/4” (45 mm)
Door Thickness: 1-3/4” (45 mm) - Standard
Materials: Aluminum, brass, bronze, stainless steel
Fasteners: Two (2) 5/16-18 thru-bolts with finish washers
Handicap: 2-1/2” (64 mm) clearance available on special orders. Add prefix "H" to number (i.e., H11E)
Options: • For 45° offset, add prefix "X" to number (i.e., X11E)
• Other centers available on special orders
• If ordered with tempered glass, specify glass thickness and hole size
Notes: For sizes or finishes not listed in this catalog, contact Hager Customer Service for availability
12 Round Offset Pull
Certification: Meets ANSI A156.6 for J402 Pulls
Base Diameter: 1” (25 mm)
Projection: 2-3/4” (70 mm)
Offset: 3” (76 mm); 90° Standard
Clearance: 1-3/4” (45 mm)
Door Thickness: 1-3/4” (45 mm) - Standard
Materials: Aluminum, brass, bronze, stainless steel
Fasteners: Two (2) 5/16-18 thru-bolts with finish washers
Handicap: 2-1/2” (64 mm) clearance available on special orders. Add prefix “H” to number (i.e., H12G)
Options: • For 45° offset, add prefix “X” to number (i.e., X12G)
• Other centers available on special orders
• If ordered with tempered glass, specify glass thickness and hole size
Notes: For sizes or finishes not listed in this catalog, contact Hager Customer Service for availability

13 Round Wrought Door Push/Pull Set
Certification: Meets ANSI A156.6 for J401 Pulls
Base Diameter: 3/4” (19 mm)
Projection: 2-1/4” (57 mm)
Clearance: 1-1/2” (38 mm)
Door Thickness: 1-3/4” (45 mm) - Standard
Materials: Aluminum, brass, bronze, stainless steel
Notes: • Type 7 mounting - Standard
• Consists of two (2) pulls back to back
• For sizes or finishes not listed in this catalog, contact Hager Customer Service for availability

14 Round Wrought Door Push/Pull Set
Certification: Meets ANSI A156.6 for J401 Pulls
Base Diameter: 1” (25 mm)
Projection: 2-3/4” (70 mm)
Clearance: 1-3/4” (45 mm)
Door Thickness: 1-3/4” (45 mm) - Standard
Materials: Aluminum, brass, bronze, stainless steel
Notes: • Type 7 mounting - Standard
• Consists of two (2) pulls back to back
• For sizes or finishes not listed in this catalog, contact Hager Customer Service for availability
19N
Cast Pull
Certification: Meets ANSI A156.6 for J401 Pulls
O/A Height: 9” (229 mm)
Base Diameter: 1-1/2” (38 mm)
Clearance: 1-11/16” (43 mm)
Projection: 3-1/8” (79 mm)
CTC Length: 6-3/16” (132 mm)
Materials: Brass
Fasteners: Four (4) #8 x 1” OPH Tapping Screw
Notes: Suitable for BTB mounting with sex nuts by special quotation

20
Round Push/Pull Set
Certification: Meets ANSI A156.6 for J401 Pulls
Base Diameter: 1-1/4” (32 mm)
Projection: 3” (76 mm)
Clearance: 1-3/4” (45 mm)
Door Thickness: 1-3/4” (45 mm) - Standard
Materials: Brass, bronze, stainless steel
Notes: • Type 7 mounting - Standard
• Consists of two (2) pulls back to back
• For sizes or finishes not listed in this catalog, contact Hager Customer Service for availability

20N
Cast Pull
Certification: Meets ANSI A156.6 for J401 Pulls
O/A Height: 9” (229 mm)
Base Diameter: 1-1/2” (38 mm)
Clearance: 1-11/16” (43 mm)
Projection: 3-1/8” (79 mm)
CTC Length: 5-7/32” (132.5 mm)
Door Thickness: 1-3/4” - Standard
Material: Brass
Fasteners: Two (2) 1/4 - #20 x 2-3/16” Undercut FHMS with finish washers

21
Round Offset Push/Pull Set
Certification: Meets ANSI A156.6 for J402 Pulls
Base Diameter: 3/4” (19 mm)
Projection: 2-1/2” (64 mm)
Clearance: 1-3/4” (45 mm)
Offset: 2-1/2” (64); 90° - Standard
Door Thickness: 1-3/4” (45 mm) - Standard
Materials: Aluminum, brass, bronze, stainless steel
Notes: • Type 7 mounting - Standard
• Consists of two (2) pulls back to back
• Available with 45 degree offset
• For sizes or finishes not listed in this catalog, contact Hager Customer Service for availability
TRIM & AUXILIARY

22
Round Offset Push/Pull Set
Certification: Meets ANSI A156.6 for J402 Pulls
Base Diameter: 1” (25 mm)
Projection: 2-3/4” (70 mm)
Clearance: 1-3/4” (45 mm)
Door Thickness: 1-3/4” (45 mm) - Standard
Offset: 3” (76 mm); 90º standard
Materials: Aluminum, brass, bronze, stainless steel
Notes: • Type 7 mounting - Standard
• Consists of two (2) pulls back to back
• Available with 45 degree offset
• For sizes or finishes not listed in this catalog, contact Hager Customer Service for availability

23Q
Round Offset Pull
Certification: Meets ANSI A156.6 for J402 Offset Pulls
Base Diameter: 1-1/4” (32 mm)
Projection: 3” (76 mm)
Clearance: 1-3/4” (45 mm)
Offset: 3-3/4” (96 mm); 90º Standard
Door Thickness: 1-3/4” (45 mm) - Standard
CTC Length: 18” (457 mm)
Materials: Aluminum, brass, bronze, stainless steel
Fasteners: 5/16-18 thru bolts with finish washers
Handicap: 2-1/2” (64 mm) clearance available on special orders. Add prefix "H" to number (i.e., H23Q)
Options: For 45º offset, substitute "X" for first digit (i.e., X23Q)
Notes: • If ordered with tempered glass, specify glass thickness and hole size
• For sizes or finishes not listed in this catalog, contact Hager Customer Service for availability

24Q
Round Offset Push/Pull Set
Certification: Meets ANSI A156.6 for J402 Offset Pulls
Base Diameter: 1-1/4” (32 mm)
Projection: 3” (76 mm)
Clearance: 1-3/4” (45 mm)
Offset: 3-3/4” (95 mm); 90º standard
Door Thickness: 1-3/4” (45 mm) - Standard
CTC Length: 18” (457 mm)
Materials: Aluminum, brass, bronze, stainless steel
Notes: • Type 7 mounting - Standard
• Consists of two (2) pulls back to back
• Available with 45 degree offset
• For sizes or finishes not listed in this catalog, contact Hager Customer Service for availability

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<tr>
<td>Millimeters</td>
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<td>254</td>
<td>305</td>
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</tbody>
</table>
TRIM & AUXILIARY

910P | 910B
Offset Mounting Vertical Pull
Pull Diameter: 1-1/4" (32 mm)
O/A Length: 36" (914 mm), 72" (1829 mm)
CTC Lengths: 20" (508 mm), 56" (1422 mm)
Clearance: 2" (51 mm)
Projection: 3-1/4" (82 mm)
Materials: Aluminum, brass, bronze, stainless steel
Fasteners: Two (2) 3/8-16 FPHMS with finish washers
Notes:
• 910B is same as 910P with fasteners for BTB mounting
• For sizes or finishes not listed in this catalog, contact Hager Customer Service for availability

915P | 915B
Straight Mounting Vertical Pull
Pull Diameter: 1-1/4" (32 mm)
O/A Length: 36" (914 mm), 72" (1829 mm)
CTC Lengths: 20" (508 mm), 56" (1422 mm)
Clearance: 2" (51 mm)
Projection: 3-1/4" (82 mm)
Materials: Aluminum, brass, bronze, stainless steel
Fasteners: Two (2) 3/8-16 FPHMS w/ finish washers
Notes:
• 915B is same as 915P with fasteners for BTB mounting
• For sizes or finishes not listed in this catalog, contact Hager Customer Service for availability

920P | 920B
C-Shaped Pull
Base Diameter: 1" (25 mm)
Clearance: 1-3/4" (45 mm)
Projection: 2-1/4" (57 mm)
CTC Length: 8-1/2" (217 mm)
Materials: Aluminum, brass, bronze, stainless steel
Fasteners: Two (2) 3/8-16 FPHMS w/ finish washers
Notes:
• 920B is pair of 920P with fasteners for BTB mounting
• For sizes or finishes not listed in this catalog, contact Hager Customer Service for availability

921P | 921B
C-Shaped Pull
Clearance: 1-1/2" (38 mm)
Projection: 2-1/8" (54 mm)
CTC Length: 17-1/2" (446 mm)
Materials: Brass, bronze, stainless steel
Fasteners: Two (2) 3/8-16 FPHMS w/ finish washers
Notes:
• 921B is pair of 921P with fasteners for BTB mounting
• For sizes or finishes not listed in this catalog, contact Hager Customer Service for availability
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922P | 922B
C-Shaped Pull - Continuous
Pull Diameter: 1" (25 mm)
Projection: 2-1/2" (64 mm)
CTC Lengths: 10" (254 mm), 12" (305 mm)
Clearance: 1-1/2" (38 mm)
Materials: Aluminum, brass, bronze, stainless steel
Fasteners: Two (2) 3/8-16 FPHMS with finish washers
Notes: • 922B is pair of 922P with fasteners for BTB mounting
• For sizes or finishes not listed in this catalog, contact Hager Customer Service for availability

923P | 923B
C-Shaped Pull - Flanged
Pull Diameter: 1" (25 mm)
Projection: 2-3/4" (70 mm)
CTC Lengths: 10" (254 mm), 12" (305 mm)
Clearance: 1-3/4" (44 mm)
Base Diameter: 3/4" (19 mm)
Materials: Aluminum, brass, bronze, stainless steel
Fasteners: Two (2) 3/8-16 FPHMS with finish washers
Notes: • 923B is pair of 923P with fasteners for BTB mounting
• For sizes or finishes not listed in this catalog, contact Hager Customer Service for availability

924P | 924B
C-Shaped Pull
Projection: 2-1/2" (64 mm)
CTC Length: 14" (356 mm)
Clearance: 1-1/2" (38 mm)
Materials: Brass, bronze, stainless steel
Fasteners: Two (2) 3/8-16 FPHMS with finish washers
Notes: • 924B is pair of 924P with fasteners for BTB mounting
• For sizes or finishes not listed in this catalog, contact Hager Customer Service for availability

925P | 925B
C-Shaped Pull
Pull Diameter: 1-1/4" (32 mm)
CTC Lengths: 6-1/2" (165 mm), 8-1/2" (217 mm), 12-1/2" (318 mm)
Materials: Aluminum, brass, bronze, stainless steel
Fasteners: Two (2) 3/8-16 FPHMS with finish washers
Notes: • 925B is pair of 925P with fasteners for BTB mounting
• For sizes or finishes not listed in this catalog, contact Hager Customer Service for availability
**926P | 926B**

**Curved Pull**
- Base Diameter: 1-1/4" (32 mm)
- Projection: 3" (76 mm)
- Clearance: 1-13/16" (46 mm)
- Pull Diameter: 1-3/16" (30 mm)
- CTC Length: 12" (305 mm)
- Materials: Brass, bronze
- Fasteners: Two (2) 3/8-16 FPHMS with finish washers
- Notes:
  - 926B is pair of 926P with fasteners for BTB mounting
  - For sizes or finishes not listed in this catalog, contact Hager Customer Service for availability

**930P | 930B**

**90° Pull**
- Projection: 3" (76 mm)
- CTC Lengths: 14-5/32" - 16-31/32" (360 mm - 431 mm)
- Materials: Aluminum, brass, bronze, stainless steel
- Fasteners: Two (2) 3/8-16 FPHMS with finish washers
- Notes:
  - 930B is pair of 930P with fasteners for BTB mounting
  - For sizes or finishes not listed in this catalog, contact Hager Customer Service for availability

**932P | 932B**

**S-Shaped Pull**
- Projection: 3" (76 mm)
- Clearance: 2" (51 mm)
- Pull Diameter: 1" (25 mm)
- Fasteners: Two (2) 3/8-16 FPHMS w/ finish washers
- CTC Length: 30" (762 mm)
- Materials: Aluminum, brass, bronze, stainless steel
- Fasteners: Two (2) 3/8-16 FPHMS with finish washers
- Notes:
  - 932B is pair of 932P with fasteners for BTB mounting
  - Specify handing when ordering
  - For sizes or finishes not listed in this catalog, contact Hager Customer Service for availability
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933P  |  933B
Colonial Style Pull
Projection: 2-3/16” (56 mm)
Clearance: 1-3/16” (30 mm)
Pull Diameter: 1” (25 mm)
Base Diameter: 15/16” (24 mm)
CTC Length: 6” (152 mm)
Materials: Aluminum, brass, bronze, stainless steel
Fasteners: Two (2) 3/8-16 FPHMS with finish washers
Notes: 933B is pair of 933P with fasteners for BTB mounting

934P  |  934B
Offset Pull
Projection: 3” (76 mm)
Clearance: 1-5/8” (41 mm)
Pull Diameter: 1” (25 mm)
Base Diameter: 3/4” (19 mm)
CTC Lengths: 12” (305 mm), 16” (406 mm), 18” (457 mm)
Materials: Aluminum, brass, bronze, stainless steel
Fasteners: Two (2) 3/8-16 FPHMS with finish washers
Notes: 934B is pair of 934P with fasteners for BTB mounting

960P  |  960B
Square Tip Pull
O/A Height: 16” (406 mm)
Base Diameter: 1-1/4” (32 mm)
Pull Diameter: 1” (25 mm)
Clearance: 1-3/4” (45 mm)
Projection: 3-1/4” (83 mm)
CTC Length: 12” (305 mm)
Materials: Brass, bronze
Fasteners: Two (2) 3/8-16 FPHMS w/ finish washers
Notes: • 960B is pair of 960P with fasteners for BTB mounting
      • For sizes or finishes not listed in this catalog, contact Hager Customer Service for availability
**961P | 961B**

**Steeple Tip Pull**

- O/A Height: 16-5/16” (414 mm)
- Base Diameter: 2” (51 mm)
- Pull Diameter: 1” (25 mm)
- Clearance: 1-3/4” (45 mm)
- Projection: 3” (76 mm)
- CTC Length: 12” (305 mm)
- Materials: Brass, bronze
- Fasteners: Two (2) 3/8-16 FPHMS with finish washers
- Notes:
  - 961B is pair of 961P with fasteners for BTB mounting
  - For sizes or finishes not listed in this catalog, contact Hager Customer Service for availability

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**962P**

**Acorn Tip Pull**

- O/A Height: 16-5/16” (414 mm)
- Base Diameter: 2” (51 mm)
- Pull Diameter: 1” (25 mm)
- Projection: 3” (76 mm)
- Clearance: 1-7/8” (48 mm)
- CTC Length: 12” (305 mm)
- Materials: Brass, bronze
- Fasteners: Two (2) 3/8-16 FPHMS with finish washers
- Notes: For sizes or finishes not listed in this catalog, contact Hager Customer Service for availability

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**963P**

**Acorn Pull - Offset**

- O/A Height: 16-5/16” (414 mm)
- Pull Diameter: 1” (25 mm)
- Projection: 2-3/4” (70 mm)
- CTC Lengths: 12” (304 mm), 16” (406 mm), 18” (457 mm), 24” (610 mm), 30” (762 mm)
- Materials: Cast brass, bronze
- Fasteners: Two (2) 3/8-16 FPHMS with finish washers
- Notes: For sizes or finishes not listed in this catalog, contact Hager Customer Service for availability

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**967P**

**Curved Pull**

- O/A Height: 20-1/2” (520 mm)
- Clearance: 3-9/16” (90 mm)
- Projection: 5-9/16” (141 mm)
- CTC Length: 16” (406 mm)
- Materials: Brass, bronze
- Fasteners: Two (2) 3/8-16 FPHMS with finish washers
- Notes:
  - For sizes or finishes not listed in this catalog, contact Hager Customer Service for availability
  - Specify handing when ordering
970P
Custom Push/Pull Set
Base Diameter: 1” (25 mm)
Pull Projection: 3” (76 mm)
Pull Clearance: 2” (51 mm)
CTC Length: 16-3/4” (425 mm)
Push Projection: 2-3/4” (70 mm)
Push Clearance: 1-3/4” (45 mm)
CTC Length: 34” (864 mm) or to suit door dimension
Materials: Brass, bronze, stainless steel
Fasteners: Type 3 mounting, concealed cone with bolt and set screw
Notes:
  • Specify handing when ordering
  • Pull or push bar can be ordered separately by quotation only
  • Push bar radius can be custom made so the radius points in the downward direction
  • For sizes or finishes not listed in this catalog, contact Hager Customer Service for availability

974P | 974B
Door Pull
Pull Diameter: 1” (25 mm)
Base Diameter: 2” (51 mm)
Projection: 2-1/2” (64 mm)
CTC Length: 12” (304 mm), 18” (457 mm), 24” (610 mm), 30” (762 mm), 36” (914 mm), 48” (1219 mm)
Pull Material: Brass, bronze, stainless steel
Base Material: Black anodized aluminum
Fasteners: Two (2) 3/8-16 FPHMS with finish washers
Notes:
  • 974B is pair of 974P with fasteners for BTB mounting
  • For sizes or finishes not listed in this catalog, contact Hager Customer Service for availability

975P | 975B
Vertical Pull
Projection: 1-3/4” (44 mm)
O/A Length: 36” (914 mm), 72” (1829 mm)
CTC Length: 20” (508 mm), 56” (1422 mm)
Pull Diameter: 1” (25 mm)
Materials: Brass, bronze, stainless steel
Fasteners: Two (2) 3/8-16 FPHMS with finish washers
Notes:
  • 975B is pair of 975P with fasteners for BTB mounting
  • For sizes or finishes not listed in this catalog, contact Hager Customer Service for availability
<table>
<thead>
<tr>
<th>Model</th>
<th>Model</th>
<th>Door Pull - Offset</th>
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<tbody>
<tr>
<td>976P</td>
<td>976B</td>
<td>O/A Height: 29-1/2” (750 mm)&lt;br&gt;Base Diameter: 1-1/4” (32 mm)&lt;br&gt;Pull Diameter: 1-1/4” (32 mm)&lt;br&gt;Projection: 5-3/8” (137 mm)&lt;br&gt;Clearance: 4-1/8” (105 mm)&lt;br&gt;Offset: 1-3/4” (45 mm)&lt;br&gt;CTC Length: 19-13/16” (503 mm)&lt;br&gt;Materials: Stainless steel&lt;br&gt;Finish: US32, US32D&lt;br&gt;Fasteners: Two (2) 3/8-16 FPHMS with finish washers&lt;br&gt;Notes: • 976B is pair of 976P with fasteners for BTB mounting&lt;br&gt;• For sizes or finishes not listed in this catalog, contact Hager Customer Service for availability</td>
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<th>Model</th>
<th>Segment Shape - Straight</th>
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<tbody>
<tr>
<td>980P</td>
<td>980B</td>
<td>CTC Length: 9” (229 mm), 12” (305 mm), 18” (457 mm), 24” (610 mm)&lt;br&gt;Materials: Brass, bronze, stainless steel&lt;br&gt;Finishes: US3, US4, US10B, US15A, US26, US26D, US32D&lt;br&gt;Fasteners: Two (2) 3/8-16 FPHMS with finish washers&lt;br&gt;Notes: • 980B is pair of 980P with fasteners for BTB mounting&lt;br&gt;• For sizes or finishes not listed in this catalog, contact Hager Customer Service for availability</td>
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<th>Segment Shape - Offset</th>
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<tbody>
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<td>981P</td>
<td>981B</td>
<td>Projection: 2-3/8” (60 mm)&lt;br&gt;CTC Length: 9” (229 mm), 12” (305 mm), 18” (457 mm), 24” (610 mm)&lt;br&gt;Materials: Brass, bronze, stainless steel&lt;br&gt;Finishes: US3, US4, US10B, US15A, US26, US26D, US32D&lt;br&gt;Fasteners: Two (2) 3/8-16 FPHMS with finish washers&lt;br&gt;Notes: • 981B is pair of 981P with fasteners for BTB mounting&lt;br&gt;• For sizes or finishes not listed in this catalog, contact Hager Customer Service for availability</td>
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<th>Model</th>
<th>Model</th>
<th>Straight Pull</th>
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<tbody>
<tr>
<td>982P</td>
<td>982B</td>
<td>Base Diameter: 1-5/16” (33 mm)&lt;br&gt;Projection: 3-1/8” (79 mm)&lt;br&gt;Clearance: 1-13/16” (46 mm)&lt;br&gt;CTC Length: 20” (508 mm)&lt;br&gt;Materials: Brass, bronze, stainless steel&lt;br&gt;Finishes: US3, US4, US10B, US15A, US26, US26D, US32D&lt;br&gt;Fasteners: Two (2) 3/8-16 FPHMS with finish washers&lt;br&gt;Notes: • 982B is pair of 982P with fasteners for BTB mounting&lt;br&gt;• For sizes or finishes not listed in this catalog, contact Hager Customer Service for availability</td>
</tr>
</tbody>
</table>
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983P | 983B
Curved Pull
O/A Height: 21-1/4” (540 mm)
Base Diameter: 1-1/4” (32 mm)
Projection: 3-1/8” (79 mm)
Clearance: 1-7/8” (48 mm)
CTC Length: 20” (508 mm)
Materials: Brass, bronze, stainless steel
Fasteners: Two (2) 3/8-16 FPHMS with finish washers
Notes: • 983B is pair of 983P with fasteners for BTB mounting
• Specify handing when ordering
• For sizes or finishes not listed in this catalog, contact Hager Customer Service for availability

984P | 984B
Curved Pull
Clearance: 1-7/8” (47 mm)
Projection: 3” (76 mm)
CTC Lengths: 12” (305 mm), 20” (508 mm)
Materials: Brass, bronze, stainless steel
Fasteners: Two (2) 3/8-16 FPHMS with finish washers
Notes: • 984B is pair of 984P with fasteners for BTB mounting
• For sizes or finishes not listed in this catalog, contact Hager Customer Service for availability

985P | 985B
Curved Pull
O/A Height: 14” (356 mm)
Projection: 3” (76 mm)
Clearance: 1-9/16” (40 mm)
CTC Length: 12” (305 mm)
Materials: Brass, bronze, stainless steel
Fasteners: Two (2) 3/8-16 FPHMS with finish washers
Notes: • 985B is pair of 985P with fasteners for BTB mounting
• For sizes or finishes not listed in this catalog, contact Hager Customer Service for availability

986P | 986B
Curved Pull
O/A Height: 22” (559 mm)
Pull Diameter: 1-1/4” (32 mm)
Base Diameter: 2” (51 mm)
Projection: 3-7/8” (99 mm)
Clearance: 2-5/8” (67 mm)
CTC Length: 20” (508 mm)
Materials: Brass, bronze, stainless steel
Fasteners: Two (2) 3/8-16 FPHMS with finish washers
Notes: • 986B is pair of 986P with fasteners for BTB mounting
• For sizes or finishes not listed in this catalog, contact Hager Customer Service for availability
**987P | 987B**

**Double Curved Pull**

- **Base Diameter:** 1-1/4” (32 mm)
- **Clearance:** 2” (51 mm)
- **Projection:** 3” (76 mm)
- **CTC Length:** 20” (508 mm)
- **Materials:** Brass, bronze, stainless steel
- **Fasteners:** Two (2) 3/8-16 FPHMS with finish washers
- **Notes:**
  - 987B is pair of 987P with fasteners for BTB mounting
  - For sizes or finishes not listed in this catalog, contact Hager Customer Service for availability

**988P | 988B**

**Offset Curved Pull**

- **Projection:** 3” (76 mm)
- **CTC Length:** 24” (610 mm)
- **Materials:** Brass, bronze, stainless steel
- **Finishes:** US3, US26, US32D
- **Fasteners:** Two (2) 3/8-16 FPHMS with finish washers
- **Notes:**
  - 988B is pair of 988P with fasteners for BTB mounting
  - For sizes or finishes not listed in this catalog, contact Hager Customer Service for availability

**990P | 990B**

**18° Pull**

- **Pull Diameter:** 1” (25 mm)
- **Projection:** 2-3/4” (70 mm)
- **Clearance:** 1-3/4” (45 mm)
- **CTC Length:** 24” (610 mm)
- **Materials:** Brass, bronze, stainless steel
- **Fasteners:** Two (2) 3/8-16 FPHMS with finish washers
- **Notes:**
  - 990B is pair of 990P with fasteners for BTB mounting
  - Specify handing when ordering
  - For sizes or finishes not listed in this catalog, contact Hager Customer Service for availability
TRIM & AUXILIARY

15C
Flush Cup Pull
Certification: Meets ANSI A156.6 for J403 Pulls
Description: Cup welded to face plate
Face: 3-1/2" x 5" (89 mm x 127 mm)
Projection: 1/8” (3.2 mm)
Opening: 1-3/4” x 3-1/16” (44 mm x 78 mm)
Cup Clearance: 3/4” (19 mm)
Materials: Stainless steel
Finishes: US32D
Fasteners: Four (4) #6 x 5/8” OPHWS

15N
Flush Cup Pull
Certification: Meets ANSI A156.6 for J403 Pulls
Face: 3-1/2" x 5" (89 mm x 127 mm)
Projection: 1/8” (3.2 mm)
Opening: 1-3/4” x 3-1/16” (44 mm x 78 mm)
Cup Clearance: 3/4” (19 mm)
Materials: Aluminum, brass, bronze, stainless steel
Fasteners: Four (4) #6 x 5/8” OPHWS

15P
Flush Cup Pull
Certification: Meets ANSI A156.6 for J403 Pulls
Description: Cup welded to face plate and welded studs for security torx thru-bolt mounting
Face: 3-1/2" x 5" (89 mm x 127 mm)
Projection: 3/16” (5 mm)
Opening: 1-3/4” x 3-1/16” (44 mm x 78 mm)
Cup Clearance: 3/4” (19 mm)
Materials: Stainless steel
Finishes: US32D
Fasteners: Two (2) 6-32 x 1-1/2” FPHMS (Security Torx)
Notes: For use on 1-3/4” (44 mm) doors

15S
Flush Cup Pull
Certification: Meets ANSI A156.6 for J403 Pulls
Description: Concealed mounting by screws within the recessed cup (similar to 16N or 17N)
Face: 3-1/2” x 5” (89 mm x 127 mm)
Projection: 1/8” (3.2 mm)
Opening: 1-3/4” x 3-1/16” (44 mm x 78 mm)
Cup Clearance: 3/4” (19 mm)
Materials: Aluminum, brass, bronze, stainless steel
Fasteners: Two (2) #6 x 5/8” PPHWS
Notes: Fasteners concealed in cup
16N
Flush Cup Pull
Certification: Meets ANSI A156.6 for J403 Pulls
Face: 1-15/16" x 3" (49 mm x 76 mm)
Projection: 1/16" (1.5 mm)
Opening: 27/32" x 2-3/8" (22 mm x 60 mm)
Cup Clearance: 5/8" (16 mm)
Fasteners: Two (2) #8 x 3/4" OPHWS
Materials: Brass
Notes: Fasteners concealed in cup

16R
Finger Pull Plate
Certification: Meets ANSI A156.6 for combination J301 Pull Plate and J403 Pulls
Face: 4" x 16" (102 mm x 406 mm)
Projection: .050" (1.3 mm)
Opening: 1-3/4" x 3-1/16" (44 x 78 mm)
Cup Clearance: 13/16" (21 mm)
Fasteners: Ten (10) #6 x 5/8" OPHWS
Materials: Aluminum, brass, bronze, stainless steel

17N
Flush Cup Pull
Certification: Meets ANSI A156.6 for J403 Pulls
Face: 2-1/2" x 3-31/32" (64 mm x 101 mm)
Projection: 3/32" (2.4 mm)
Opening: 1-11/32" x 3-13/32" (34 mm x 87 mm)
Cup Clearance: 5/8" (16 mm)
Materials: Brass
Notes: Fasteners concealed in cup

25B
Security Flush Pull Set
Certification: Meets ANSI A156.6 for J403 Pulls
Face: 3-1/2" x 5" (89 mm x 127 mm)
Opening: 1-3/4" x 3-1/16" (45 mm x 78 mm)
Projection: 3/16" (5 mm)
Cup Clearance: 3/4" (19 mm)
Door Thickness: 1-3/4" (45 mm) - Standard
Materials: Stainless steel
Finish: US32D
Fasteners: Two (2) 6-32 x 1-1/2" FPHMS (Security Torx)
Notes: Security pull thru-bolted to a 1SP pull
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25C
Flush Pull Set
Certification: Meets ANSI A156.6 for J403 Pulls
Face: 3-1/2” x 5” (89 mm x 127 mm)
Opening: 1-3/4” x 3-1/16” (45 mm x 78 mm)
Projection: 1/8” (3 mm)
Cup Clearance: 3/4” (19 mm)
Door Thickness: 1-3/4” (45 mm) - Standard
Fasteners: Two (2) 6-32 OPHMS sex nuts and bolts
Materials: Stainless steel
Finishes: US32D
Notes: Consists of two (2) 15C pulls mounted BTB

25N
Flush Pull Set
Certification: Meets ANSI A156.6 for J403 Pulls
Face: 3-1/2” x 5” (89 mm x 127 mm)
Opening: 1-3/4” x 3-1/16” (45 mm x 78 mm)
Projection: 1/8” (3 mm)
Cup Clearance: 3/4” (19 mm)
Door Thickness: 1-3/4” (45 mm) - Standard
Fasteners: Two (2) 6-32 OPHMS sex nuts and bolts
Materials: Aluminum, brass, bronze, stainless steel
Notes: Consists of two (2) 15N pulls mounted BTB

25P
Security Finger Push/Pull Plate Set
Certification: Meets ANSI A156.6 for combination J301 Push Plate and J403 Flush Pull
Face: 4” x 16” (102 mm x 406 mm)
Projection: 1/8” (3.2 mm)
Opening: 1-3/4” x 3-1/16” (44 mm x 78 mm)
Cup Clearance: 13/16” (21 mm)
Fasteners: Six (6) 8-32 x 3/4” FPHMS (Security Torx) with sex nuts and bolts
Materials: Stainless Steel
Finishes: US32D
Notes: Consists of a 15 pull cup welded to a 100T push plate (Mounted in BTB fashion)

26N
Security Finger Pull
Certification: Meets ANSI A156.6 for J403 Pulls
Face: 4" x 5" (102 mm x 127 mm)
Projection: 1/8” (3.2 mm)
Opening: 1-5/8” x 3” (41 mm x 76 mm)
Cup Clearance: 13/16” (21 mm)
Fasteners: Four (4) 1/4-20 x 3/4” Undercut FPHMS (Security Torx)
Materials: Brass, stainless steel
Notes: Cup welded to face
27N
Flush Cup Pull
Certification: Meets ANSI A156.6 for J403 Pulls
Face: 5” x 5” (127 mm x 127 mm)
Projection: 3/8” (9.5 mm)
Opening: 3” x 3-1/2” (76 mm x 89 mm)
Cup Clearance: 7/8” (22 mm)
Materials: Stainless steel
Finishes: US32D
Fasteners: Four (4) 10-24 FPHMS (Security Torx) sex nuts and bolts
Notes: • ADA Compliant
• Not available for BTB mounting

27P
Flush Cup Pull
Certification: Meets ANSI A156.6 for J403 Pulls
Face: 5” x 5” (127 mm x 127 mm)
Projection: 3/8” (9.5 mm)
Opening: 3” x 3-1/2” (76 mm x 89 mm)
Cup Clearance: 7/8” (22 mm)
Materials: Stainless steel
Finishes: US32D
Fasteners: Four (4) 1/4-20 x 3/4” Undercut FPHMS (Security Torx)
Notes: • ADA Compliant
• Not available for BTB mounting
## TRIM & AUXILIARY

### 30, 40, 50 Series

**Pull Plate**
- **Gauge:** 0.050” (1.3 mm)
- **Certification:** Meets ANSI A156.6 for J405 Pull Plate

### A30, A40, A50 Series

**Pull Plate**
- **Gauge:** 0.062” (1.6 mm)
- **Certification:** Meets ANSI A156.6 for J405 Pull Plate

### 80, 90, 100 Series

**Pull Plate**
- **Gauge:** 0.125” (3.2 mm)
- **Certification:** Meets ANSI A156.6 for J407 Pull Plate

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**Materials:** Aluminum, brass, bronze, stainless steel

**Standard Sizes:**
- 3” x 12” (76 mm x 305 mm), 3-1/2” x 15” (89 mm x 381 mm), 4” x 16” (102 mm x 406 mm),
- 6” x 16” (152 mm x 406 mm)*, 8” x 16” (203 mm x 406 mm)* - *(size not available for 50 and A50 Series)

**Fasteners:** Six (6) #6 x 5/8 OPH tapping screws


**Notes:** For sizes or finishes not listed in this catalog, contact Hager Customer Service for availability

### Pull Plate Chart

<table>
<thead>
<tr>
<th>Pull Plate Part Number</th>
<th>30, 40, 50 Series</th>
<th>A30, A40, A50 Series</th>
<th>80, 90, 100 Series</th>
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<td><strong>Pull</strong></td>
<td>Square Corner</td>
<td>Radius Corner</td>
<td>Rounded Corner</td>
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<td>1E</td>
<td>31E</td>
<td>41E</td>
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313L
Antivandal Pull with Latchguard
Certification: Meets ANSI A156.6 for J401 Pull and ANSI A156.6 for J407 Pull Plate
Size: 7-13/32” x 11” (188 mm x 280 mm)
Height: 11” (280 mm)
Projection: 1-7/8” (48 mm)
Clearance: 1-5/8” (41 mm)
Door Thickness: 1-3/4” – 2” (45 mm - 51 mm)
Materials: 11 GA Stainless Steel
Finishes: US32D
Fasteners: 1/4-20 FPHMS with finish washers - Standard
Options: • Cylinder cutout available [1-1/4” (32 mm) diameter standard for exit device use and 1-1/2” (38 mm) diameter standard for mortise lock use]
• Plastisol grip available
Notes: • For use with most mortise locks on in-swinging and out-swinging doors
• For use with many exit devices (thru bolts directly to device)
• Cylinders must be ordered separately
• When mounting pull to a Hager exit device, cylinder collar (2-649-0137) must be purchased to ensure proper installation (see instructions for more detail)
• When mounting pull to a Hager exit device, a 7/16” (11 mm) tall cylinder collar must be purchased when using a 1-1/4” - 1-3/8” (32 mm - 35 mm) long rim cylinder (see instructions for more detail)

313S
Antivandal Pull
Certification: Meets ANSI A156.6 for J401 Pull and ANSI A156.6 for J407 Pull Plate
Size: 6-11/32” x 11” (161 mm x 280 mm)
Height: 11” (280 mm)
Projection: 1-7/8” (48 mm)
Clearance: 1-5/8” (41 mm)
Door Thickness: 1-3/4” – 2” (45 mm - 51 mm)
Materials: 11 GA Stainless Steel
Finishes: US32D
Fasteners: 1/4-20 FPHMS with finish washers - Standard
Options: • Cylinder cutout available [1-1/4” (32 mm) diameter standard for exit device use and 1-1/2” (38 mm) diameter standard for mortise lock use]
• Plastisol grip available
Notes: • For use with most mortise locks on in-swinging and out-swinging doors
• For use with many exit devices (thru bolts directly to device)
• Cylinders must be ordered separately
• When mounting pull to a Hager exit device, cylinder collar (2-649-0137) must be purchased to ensure proper installation (see instructions for more detail)
• When mounting pull to a Hager exit device, a 7/16” (11 mm) tall cylinder collar must be purchased when using a 1-1/4” - 1-3/8” (32 mm - 35 mm) long rim cylinder (see instructions for more detail)
TRIM & AUXILIARY

30S | A30S
Square Corner - Beveled Push Plate
Certification: Meets ANSI A156.6 for J301 Push Plate
Gauge:
• 30S - 0.050” (1.3 mm)
• A30S - 0.062” (1.6 mm)
Materials: Aluminum, brass, bronze, stainless steel
Fasteners: Six (6) #6 x 5/8” OPH tapping screws
Options: May be ordered cut for cylinder (CFC) or engraved “PUSH”
Notes: For sizes or finishes not listed in this catalog, contact Hager Customer Service for availability

<table>
<thead>
<tr>
<th>Available in Sizes</th>
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</thead>
<tbody>
<tr>
<td>Inches</td>
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<td>Millimeters</td>
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</tbody>
</table>

40R | A40R
Radius Corner - Non-Beveled Push Plate
Certification: Meets ANSI A156.6 for J301 Push Plate
Gauge:
• 40R - 0.050” (1.3 mm)
• A40R - 0.062” (1.6 mm)
Materials: Aluminum, brass, bronze, stainless steel
Fasteners: Six (6) #6 x 5/8” OPH tapping screws
Options: May be ordered cut for cylinder (CFC) or engraved “PUSH”
Notes: For sizes or finishes not listed in this catalog, contact Hager Customer Service for availability

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50T | A50T
Round Corner - Non-Beveled Push Plate
Certification: Meets ANSI A156.6 for J301 Push Plate
Gauge:
• 50T - 0.050” (1.3 mm)
• A50T - 0.062” (1.6 mm)
Materials: Aluminum, brass, bronze, stainless steel
Fasteners: Six (6) #6 x 5/8” OPH tapping screws
Options: May be ordered cut for cylinder (CFC) or engraved “PUSH”
Notes: For sizes or finishes not listed in this catalog, contact Hager Customer Service for availability

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</table>
**60S**

Square Corner - Beveled Push Plate

Certification: Meets ANSI A156.6 for J304 Push Plate

Gauge: 0.125” (3.2 mm)

Materials: Plastic laminate

Finishes: PG - Grey, PK - Black, CO - Brown

Fasteners: Six (6) #6 x 5/8” OPH tapping screws

Options: May be ordered cut for cylinder (CFC) or engraved “PUSH”

Notes: For sizes or finishes not listed in this catalog, contact Hager Customer Service for availability

<table>
<thead>
<tr>
<th>Available in Sizes</th>
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<th>3-1/2 x 15</th>
<th>4 x 16</th>
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<tbody>
<tr>
<td>Inches</td>
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<td>89 x 38</td>
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<td>152 x 406</td>
<td>203 x 406</td>
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<td>Millimeters</td>
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**70S**

Square Corner - Beveled Push Plate

Certification: Meets ANSI A156.6 for J304 Push Plate

Gauge: 0.125” (3.2 mm)

Materials: Clear plastic laminate

Finishes: PC - Clear

Fasteners: Six (6) #6 x 5/8” OPH tapping screws

Options: May be ordered cut for cylinder (CFC) or engraved “PUSH”

Notes: For sizes or finishes not listed in this catalog, contact Hager Customer Service for availability

<table>
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**80S**

Square Corner - Beveled Push Plate

Certification: Meets ANSI A156.6 for J304 Push Plate

Gauge: 0.125” (3.2 mm)

Materials: Aluminum, brass, bronze, stainless steel


Fasteners: Six (6) #6 x 5/8” OPH tapping screws

Options: May be ordered cut for cylinder (CFC) or engraved “PUSH”

Notes: For sizes or finishes not listed in this catalog, contact Hager Customer Service for availability

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TRIM & AUXILIARY

90R
Radius Corner - Non-Beveled Push Plate
Certification: Meets ANSI A156.6 for J304 Push Plate
Gauge: 0.125” (3.2 mm)
Materials: Aluminum, brass, bronze, stainless steel
Fasteners: Six (6) #6 x 5/8” OPH tapping screws
Options: May be ordered cut for cylinder (CFC) or engraved “PUSH”
Notes: For sizes or finishes not listed in this catalog, contact Hager Customer Service for availability

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100T
Square Corner - Rounded Bevel Top and Bottom Push Plate
Certification: Meets ANSI A156.6 for J304 Push Plate
Gauge: 0.125” (3.2 mm)
Materials: Aluminum, brass, bronze, stainless steel
Fasteners: Six (6) #6 x 5/8” OPH tapping screws
Options: May be ordered cut for cylinder (CFC) or engraved “PUSH”
Notes: For sizes or finishes not listed in this catalog, contact Hager Customer Service for availability

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110S
Half Circle Push Plate
Certification: Meets ANSI A156.6 for J301 Push Plate
Plate: 8” x 16” (203 mm x 406 mm)
Gauge: 0.050” (1.3 mm)
Materials: Aluminum, brass, bronze, stainless steel
Fasteners: Six (6) #6 x 5/8” OPH tapping screws
Options: May be ordered cut for cylinder (CFC) or engraved “PUSH”
Notes: For sizes or finishes not listed in this catalog, contact Hager Customer Service for availability
120L
Pull Plate with Lip - Non-Beveled
Certification: Meets ANSI A156.6 for J303 Plate
Plate: 3-1/2” x 16” (89 mm x 406 mm)
Lip Projection: 1-1/8” (29 mm)
Gauge: 0.125” (3.2 mm)
Materials: Aluminum, brass, bronze, stainless steel
Fasteners: Six (6) #6 x 5/8” OPH tapping screws
Options: • Other sizes available, please specify
• May be ordered cut for cylinder (CFC) or engraved
Notes: For sizes or finishes not listed in this catalog, contact Hager Customer Service for availability

121L
Cylinder Pull - Beveled
Plate: 2” x 3-3/4” (51 mm x 95 mm)
Lip Projection: 1-1/8” (29 mm)
Cylinder Cutout: 1-1/4” (32 mm) diameter
Gauge: 0.125” (3.2 mm)
Materials: Aluminum, brass, bronze, stainless steel
Fasteners: Attached by lock cylinder
Notes: • 1/4”-20 x 3/8” stud installed on reverse side to eliminate twisting
• For sizes or finishes not listed in this catalog, contact Hager Customer Service for availability

122L
Security Pull/Push Plate Set - Beveled
Certification: Meets ANSI A156.6 for combination J304 Push Plate and J303 Flush Pull
Push Plate: 4” x 16” (102 mm x 406 mm)
Pull Plate: 4” x 9-1/4” (102 mm x 235 mm)
Lip Projection: 2-1/8” (54 mm)
Gauge: 0.125” (3.2 mm)
Fasteners: Four (4) 8-32 FPHMS (Security Torx) sex nuts and bolts
Two (2) 8-32 x 1/2” FPHMS (Security Torx)
Materials: Stainless steel
Finishes: US32D
Notes: For sizes or finishes not listed in this catalog, contact Hager Customer Service for availability
### TRIM & AUXILIARY

#### Push Bars

**125S**
- **Bent Push Bar**
- **Certification:** Meets ANSI A156.6 for J501 Push Bar
- **Bar Size:** 3/8" x 1-1/4" (10 mm x 32 mm)
- **Projection:** 2-1/8" (54 mm)
- **Base Plate:** 1" x 3" (25 mm x 76 mm)
- **Materials:** Aluminum, brass, bronze, stainless steel
- **Fasteners:** Two (2) #8 FPH tapping screws and one (1) 1/4 - 20 OPHMS
- **Options:** May be ordered with thru-bolts in place of surface screws

**126S**
- **Push Bar**
- **Certification:** Meets ANSI A156.6 for J501 Push Bar
- **Bar Size:** 3/8" x 1-1/4" (10 mm x 32 mm)
- **Projection:** 2-1/8" (54 mm)
- **Base Plate:** 1" x 3" (25 mm x 76 mm)
- **Materials:** Aluminum, brass, bronze, stainless steel
- **Fasteners:** Four (4) #8 FPH tapping screws
- **Options:** May be ordered with thru-bolts in place of surface screws

**127S**
- **Push Bar**
- **Certification:** Meets ANSI A156.6 for J501 Push Bar
- **Bar Size:** 3/8" x 1-1/4" (10 mm x 32 mm)
- **Projection:** 3/4" (19 mm)
- **Base Plate:** 1-1/4" x 1-1/4" (32 mm x 32 mm)
- **Materials:** Aluminum, brass, bronze, stainless steel
- **Fasteners:** Two (2) 1/4-20 FPHMS
- **Options:** May be ordered with thru bolts in place of surface screws

**128P**
- **Wide Push Bar**
- **Certification:** Meets ANSI A156.6 for J501 Push Bar
- **Bar Size:** 3/8" x 3" (10 mm x 76 mm)
- **Projection:** 2-1/8" (54 mm)
- **Base Plate:** 1-1/2" x 4-1/2" (38 mm x 114 mm)
- **Fasteners:** Eight (8) FPH tapping screws
- **Materials:** Aluminum, brass, bronze, stainless steel

All push bar units are made to order. Specify CTC lengths, fastening method unless standard, and type of door (WO, HM, AL, etc.).
All push bar units are made to order. Specify CTC lengths, fastening method unless standard, and type of door (WO, HM, AL, etc.).
TRIM & AUXILIARY

133S
Round Push Bar
Certification: Meets ANSI A156.6 for J501 Push Bar
Bar Stock: 3/4” (19 mm)
Projection: 2-1/4” (57 mm)
Door Thickness: 1-3/4” (45 mm) - Standard
Materials: Aluminum, brass, bronze, stainless steel
Fasteners: Two (2) 1/4 - 20 thru-bolts with finish washers

134S
Round Push Bar
Certification: Meets ANSI A156.6 for J501 Push Bar
Bar Stock: 3/4” (19 mm)
Projection: 2-3/8” (60 mm)
Base Diameter: 1-1/4” (32 mm)
Door Thickness: 1-3/4” (45 mm) - Standard
Fasteners: Two (2) 1/4 - 20 thru-bolts with finish washers
Materials: Aluminum, brass, bronze, stainless steel
Options: May be ordered with Type 5 concealed mountings at extra charge

136S
Round Push Bar
Certification: Meets ANSI A156.6 for J501 Push Bar
Bar Stock: 1-1/4” (32 mm)
Projection: 3” (76 mm)
Door Thickness: 1-3/4” (45 mm) - Standard
Materials: Aluminum, brass, bronze, stainless steel
Fasteners: Two (2) 5/16 - 18 thru-bolts with finish washers
Options: May be ordered with Type 5 concealed mountings at extra charge

137S
Round Push Bar
Certification: Meets ANSI A156.6 for J501 Push Bar
Bar Stock: 1-1/4” (32 mm)
Projection: 3-1/8” (79 mm)
Base Diameter: 2” (51 mm)
Door Thickness: 1-3/4” (45 mm) - Standard
Fasteners: Two (2) 5/16 - 18 thru-bolts with finish washers
Materials: Aluminum, brass, bronze, stainless steel
Options: May be ordered with Type 5 concealed mountings at extra charge

All push bar units are made to order. Specify CTC lengths, fastening method unless standard, and type of door (WO, HM, AL, etc.).
TRIM & AUXILIARY

138P
Round Push/Pull Set
Certification: Meets ANSI A156.6 for J504 Bar Sets
Bar Stock: 1” (25 mm)
Projection: 2-1/2” (64 mm)
Materials: Aluminum, brass, bronze, stainless steel
Fasteners: Two (2) 1/4-20 Type 3 concealed cone

139P
Round Push/Pull Set
Certification: Meets ANSI A156.6 for J504 Bar Sets
Bar Stock: 3/4” (19 mm)
Projection: 2-1/4” (60 mm)
Materials: Aluminum, brass, bronze, stainless steel
Fasteners: Two (2) 1/4-20 Type 3 concealed cone

140P
Round Push/Pull Set
Certification: Meets ANSI A156.6 for J504 Bar Sets
Bar Stock: 1-1/4” (32 mm)
Projection: 3” (76 mm)
Materials: Aluminum, brass, bronze, stainless steel
Fasteners: Two (2) 5/16-18 Type 3 concealed cone

150D | 150V | 150B
Round Push/Pull Set*
Certification: Meets ANSI A156.6 for J504 Bar Sets
Bar Stock: 3/4” (19 mm)
Projection: 2-1/4” (57 mm)
Pull CTC: 8” (203 mm)
Materials: Aluminum, brass, bronze, stainless steel

* D = Standard Fastening - One (1) Type 7 spanner collar connection between push bar and pull plus two (2) Type 1 connections for other ends of push bar and pull.
V = Fully Concealed Fastening - One (1) Type 7 spanner collar connection between push bar and pull plus two (2) Type 5 connections for ends of push bar and pull.
B = Tempered Glass Fastening - One (1) Type 7 spanner collar connection between push bar and pull plus two (2) Type 8 connections for ends of push bar and pull plus gaskets that separate metal parts from glass.

All push bar units are made to order. Specify CTC lengths, fastening method unless standard, and type of door (WO, HM, AL, etc.).
TRIM & AUXILIARY

151D | 151V | 151B
Round Push/Pull Set*
Certification: Meets ANSI A156.6 for J504 Bar Sets
Bar Stock: 3/4” (19 mm)
Projection: 2-1/4” (57 mm)
Pull CTC: 10” (254 mm)
Materials: Aluminum, brass, bronze, stainless steel

152D | 152V | 152B
Round Push/Pull Set*
Certification: Meets ANSI A156.6 for J504 Bar Sets
Bar Stock: 3/4” (19 mm)
Projection: 2-1/4” (57 mm)
Pull CTC: 12” (305 mm)
Materials: Aluminum, brass, bronze, stainless steel

153D | 153V | 153B
Round Push/Pull Set*
Certification: Meets ANSI A156.6 for J504 Bar Sets
Bar Stock: 1” (25 mm)
Projection: 2-1/2” (64 mm)
Pull CTC: 10” (254 mm)
Materials: Aluminum, brass, bronze, stainless steel

154D | 154V | 154B
Round Push/Pull Set*
Certification: Meets ANSI A156.6 for J504 Bar Sets
Bar Stock: 1” (25 mm)
Projection: 2-1/2” (64 mm)
Pull CTC: 12” (305 mm)
Materials: Aluminum, brass, bronze, stainless steel

* D = Standard Fastening - One (1) Type 7 spanner collar connection between push bar and pull plus two (2) Type 1 connections for other ends of push bar and pull.
V = Fully Concealed Fastening - One (1) Type 7 spanner collar connection between push bar and pull plus two (2) Type 5 connections for ends of push bar and pull.
B = Tempered Glass Fastening - One (1) Type 7 spanner collar connection between push bar and pull plus two (2) Type 8 connections for ends of push bar and pull plus gaskets that separate metal parts from glass.

All push bar units are made to order. Specify CTC lengths, fastening method unless standard, and type of door (WO, HM, AL, etc.).
TRIM & AUXILIARY

155D | 155V | 155B
Round Push/Pull Set*
Certification: Meets ANSI A156.6 for J504 Bar Sets
Bar Stock: 1” (25 mm)
Projection: 2-1/2” (64 mm)
Pull CTC: 18” (457 mm)
Materials: Aluminum, brass, bronze, stainless steel

156D | 156V | 156B
Round Push/Pull Set*
Certification: Meets ANSI A156.6 for J505 Bar Sets
Bar Stock: 3/4” (19 mm) diameter
Projection: 2-1/2” (64 mm)
Pull CTC: 8” (203 mm)
Offset: 2-1/2” (64 mm), 90º Standard
Materials: Aluminum, brass, bronze, stainless steel
Options: For 45º offset pull, add prefix "X" (i.e., X156D) to number
Notes: Non-reversible; specify handing

157D | 157V | 157B
Round Push/Pull Set*
Certification: Meets ANSI A156.6 for J505 Bar Sets
Bar Stock: 3/4” (19 mm) diameter
Projection: 2-1/2” (64 mm)
Pull CTC: 10” (254 mm)
Offset: 2-1/2” (64 mm), 90º Standard
Materials: Aluminum, brass, bronze, stainless steel
Options: For 45º offset pull, add prefix "X" (i.e., X157D) to number
Notes: Non-reversible; specify handing

158D | 158V | 158B
Round Push/Pull Set*
Certification: Meets ANSI A156.6 for J505 Bar Sets
Bar Stock: 3/4” (19 mm) diameter
Projection: 2-1/2” (64 mm)
Pull CTC: 12” (305 mm)
Offset: 2-1/2” (64 mm), 90º Standard
Materials: Aluminum, brass, bronze, stainless steel
Options: For 45º offset pull, add prefix "X" (i.e., X158D) to number
Notes: Non-reversible; specify handing

* D = Standard Fastening - One (1) Type 7 spanner collar connection between push bar and pull plus two (2) Type 1 connections for other ends of push bar and pull.
V = Fully Concealed Fastening - One (1) Type 7 spanner collar connection between push bar and pull plus two (2) Type 5 connections for ends of push bar and pull.
B = Tempered Glass Fastening - One (1) Type 7 spanner collar connection between push bar and pull plus two (2) Type 8 connections for ends of push bar and pull plus gaskets that separate metal parts from glass.

All push bar units are made to order. Specify CTC lengths, fastening method unless standard, and type of door (WO, HM, AL, etc.).
TRIM & AUXILIARY

159D | 159V | 159B
Round Push/Pull Set*
Certification: Meets ANSI A156.6 for J505 Bar Sets
Bar Stock: 1” (25 mm)
Projection: 2-1/2” (76 mm)
Pull CTC: 10” (254 mm)
Offset: 3” (76 mm), 90° Standard
Materials: Aluminum, brass, bronze, stainless steel
Options: For 45° offset pull, add prefix “X” to number (i.e., X159D)
Notes: Non-reversible; specify handing

160D | 160V | 160B
Round Push/Pull Set*
Certification: Meets ANSI A156.6 for J505 Bar Sets
Bar Stock: 1” (25 mm)
Projection: 2-1/2” (76 mm)
Pull CTC: 12” (305 mm)
Offset: 3” (76 mm), 90° Standard
Materials: Aluminum, brass, bronze, stainless steel
Options: For 45° offset pull, add prefix “X” to number (i.e., X160D)
Notes: Non-reversible; specify handing

161D | 161V | 161B
Round Push/Pull Set*
Certification: Meets ANSI A156.6 for J505 Bar Sets
Bar Stock: 1” (25 mm)
Projection: 2-1/2” (76 mm)
Pull CTC: 18” (457 mm)
Offset: 3” (76 mm), 90° Standard
Materials: Aluminum, brass, bronze, stainless steel
Options: For 45° offset pull, add prefix “X” to number (i.e., X161D)
Notes: Non-reversible; specify handing

164D | 164V | 164B
Round Push/Pull Set*
Certification: Meets ANSI A156.6 for J504 Bar Sets
Bar Stock: 1-1/4” (32 mm)
Projection: 3” (76 mm)
Pull CTC: 12” (305 mm)
Materials: Aluminum, brass, bronze, stainless steel

* D = Standard Fastening - One (1) Type 7 spanner collar connection between push bar and pull plus two (2) Type 1 connections for other ends of push bar and pull.
V = Fully Concealed Fastening - One (1) Type 7 spanner collar connection between push bar and pull plus two (2) Type 5 connections for ends of push bar and pull.
B = Tempered Glass Fastening - One (1) Type 7 spanner collar connection between push bar and pull plus two (2) Type 8 connections for ends of push bar and pull plus gaskets that separate metal parts from glass.

All push bar units are made to order. Specify CTC lengths, fastening method unless standard, and type of door (WO, HM, AL, etc.).
165D | 165V | 165B
Round Push/Pull Set*
Certification: Meets ANSI A156.6 for J504 Bar Sets
Bar Stock: 1-1/4” (32 mm)
Projection: 3” (76 mm)
Pull CTC: 18” (457 mm)
Materials: Aluminum, brass, bronze, stainless steel

167D | 167V | 167B
Round Push/Pull Set*
Certification: Meets ANSI A156.6 for J505 Bar Sets
Bar Stock: 1-1/4” (32 mm)
Projection: 3” (76 mm)
Pull CTC: 18” (457 mm)
Offset: 3-3/4” (96 mm), 90° Standard
Materials: Aluminum, brass, bronze, stainless steel
Notes: Non-reversible; specify handing

170D
Push/Pull Set
Certification: Meets ANSI A156.6 for J502 Bar Sets
Bar Stock: 3/8” x 1-1/4” (10 mm x 32 mm)
Projection of Pull Bar: 2-1/2” (64 mm)
Projection of Push Bar: 3/4” (19 mm)
Base: 1-1/4” x 1-1/4” (32 x 32 mm)
Horizontal Spacing CTC: 8” (203 mm)
Materials: Aluminum, brass, bronze, stainless steel
Notes: • Bars are mounted BTB with 1/4”-20 thru bolt type 4 mounting
• Non-reversible; specify handing

* 
D = Standard Fastening - One (1) Type 7 spanner collar connection between push bar and pull plus two (2) Type 1 connections for other ends of push bar and pull.
V = Fully Concealed Fastening - One (1) Type 7 spanner collar connection between push bar and pull plus two (2) Type 5 connections for ends of push bar and pull.
B = Tempered Glass Fastening - One (1) Type 7 spanner collar connection between push bar and pull plus two (2) Type 8 connections for ends of push bar and pull plus gaskets that separate metal parts from glass.

All push bar units are made to order. Specify CTC lengths, fastening method unless standard, and type of door (WO, HM, AL, etc.).
TRIM & AUXILIARY

180H | 180K | 180M | 180P | 180Q

Mortise Door Edging
Certification: Meets ANSI A156.6 Door Edging Type J201 through J212
Standard Length: 36” – 42” (914 mm – 1067 mm)
Materials: Aluminum, stainless steel
Gauge: 0.045” - 0.050” (1.1 mm - 1.3 mm)
Finishes: US28, US32D
Fasteners: #6 x 3/4” FPH tapping screws
Options: • Other lengths by quotation
• Hinge cutout available
• Latch cutout available
• UL rated edging available
Order: • Provide actual rather than typical door thickness
• Provide item #, size and finish (i.e., 180H - 40”-32D)
Notes: • Cutout will hand edging; specify handing information
• Standard edge guards are made for 1-3/4” +0, -1/32” thick doors

181H | 181K | 181M | 181P | 181Q

Overlap Door Edging
Certification: Meets ANSI A156.6 Door Edging Type J201 through J212
Standard Length: 36” – 42” (914 mm – 1067 mm)
Materials: Aluminum, stainless steel
Gauge: 0.045” - 0.050” (1.1 mm - 1.3 mm)
Finishes: US28, US32D
Fasteners: #6 x 3/4” FPH tapping screws
Options: • Other lengths by quotation
• Hinge cutout available
• Latch cutout available
• UL rated edging available
Order: • Provide actual rather than typical door thickness
• Provide item #, size and finish (i.e., 181H - 40”-32D)
Notes: • Cutout will hand edging; specify handing information
• Standard edge guards are made for 1-3/4” +0, -1/32” thick doors
**182H | 182K | 182M | 182P | 182Q**

**Non-Mortise Door Edging**

Certification: Meets ANSI A156.6 Door Edging Type J201 through J212  
Standard Length: 36” – 42” (914 mm – 1067 mm)  
Materials: Aluminum, stainless steel  
Gauge: 0.045” - 0.050” (1.1 mm - 1.3 mm)  
Finishes: US28, US32D  
Fasteners: #6 x 3/4” FPH tapping screws  
Options:  
  • Other lengths by quotation  
  • Hinge cutout available  
  • Latch cutout available  
  • UL rated edging available  
Order:  
  • Provide actual rather than typical door thickness  
  • Provide item #, size and finish (i.e., 182H - 40”-32D)  
Notes:  
  • Cutout will hand edging; specify handing information  
  • Standard edge guards are made for 1-3/4” +0, -1/32” thick doors

<table>
<thead>
<tr>
<th>182H</th>
<th>182K</th>
<th>182M</th>
<th>182P</th>
<th>182Q</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1.png" alt="Diagram" /></td>
<td><img src="image2.png" alt="Diagram" /></td>
<td><img src="image3.png" alt="Diagram" /></td>
<td><img src="image4.png" alt="Diagram" /></td>
<td><img src="image5.png" alt="Diagram" /></td>
</tr>
</tbody>
</table>

**185G Corner Guard**

Certification: Meets ANSI A156.6 for J210  
Size: 3” x 3” x 40” (76 mm x 76 mm x 1016 mm)  
Gauge: 0.050” (1.3 mm)  
Materials: Aluminum, stainless steel  
Finishes: US28, US32D  
Fasteners: #6 x 3/4” FPH Tapping screws  
Options: Mounting with double-stick tape instead of screws  
Notes:  
  • 90° bend standard  
  • Other lengths by quotation  
  • #6 x 1” screws available upon request
# TRIM & AUXILIARY

## Door Protection Plates

The metal door protection plates below meet ANSI A156.6 for J101 Metal Armor Plate, J102 Metal Kickplate, and J103 Metal Mop Plate. The plastic door protection plates below meet ANSI A156.6 for J105 Plastic Armor Plate, J106 Plastic Kickplate, and J107 Plastic Mop Plate. Options for all plates include countersunk holes, UL armor plate stamped, self-adhesive tape, bracket head screws, torx head screws, round corners, wrap around side and bottom return, and 0.125” (3.2 mm) material. All plates below are supplied standard with #6 x 5/8” truss head screws (unless specified otherwise). They are available in mop plate, kick plate, stretcher plate, and armor plate sizes.

**Mop Plate:** Protects the bottom of the pull side of doors subject to cleaning and mopping procedures.

**Kick Plate:** Protects the bottom of the push side of doors subject to scuffing from foot traffic.

**Stretcher Plate:** Protects doors in specific areas where constant contact is made by stretchers, service carts, or other equipment.

**Armor Plate:** Protects lower half of doors from abuse by carts, trucks, and rough usage.

### NFPA Note (Applies to 190S, 193S, 194S, 198S, and 225S)

NFPA 80 Standards - 6.4.5 Protection Plates 6.4.5.1 - Factory installed protection plates shall be installed in accordance with the listing of the door. 6.4.5.2 - Field installed protection plates shall be labeled and installed in accordance with their listing. 6.4.5.3 - Labeling shall not be required where the top of the protection plate is not more than 16” (406 mm) above the bottom of the door.

### Trim & Auxiliary

<table>
<thead>
<tr>
<th>Door Protection Plates</th>
<th>Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>190S</strong></td>
<td></td>
</tr>
<tr>
<td>Gauge: 0.050” (1.3 mm)</td>
<td></td>
</tr>
<tr>
<td>Materials: Aluminum, brass, bronze, stainless steel</td>
<td></td>
</tr>
<tr>
<td>Bevel: None</td>
<td></td>
</tr>
<tr>
<td>Options: UL Listed for US32 and US32D*</td>
<td></td>
</tr>
<tr>
<td><strong>193S</strong></td>
<td></td>
</tr>
<tr>
<td>Gauge: 0.050” (1.3 mm)</td>
<td></td>
</tr>
<tr>
<td>Materials: Aluminum, brass, bronze, stainless steel</td>
<td></td>
</tr>
<tr>
<td>Bevel: 3 edges</td>
<td></td>
</tr>
<tr>
<td>Options: UL Listed for US32 and US32D*</td>
<td></td>
</tr>
<tr>
<td><strong>194S</strong></td>
<td></td>
</tr>
<tr>
<td>Gauge: 0.050” (1.3 mm)</td>
<td></td>
</tr>
<tr>
<td>Materials: Aluminum, brass, bronze, stainless steel</td>
<td></td>
</tr>
<tr>
<td>Bevel: 4 edges</td>
<td></td>
</tr>
<tr>
<td>Options: UL Listed for US32 and US32D*</td>
<td></td>
</tr>
<tr>
<td><strong>198S</strong></td>
<td></td>
</tr>
<tr>
<td>Gauge: 0.038” (0.8 mm)</td>
<td></td>
</tr>
<tr>
<td>Materials: Stainless steel</td>
<td></td>
</tr>
<tr>
<td>Finishes: US32D</td>
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</tr>
<tr>
<td>Options: UL Listed*</td>
<td></td>
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<tr>
<td><strong>199B</strong></td>
<td></td>
</tr>
<tr>
<td>Gauge: 0.038” (0.8 mm)</td>
<td></td>
</tr>
<tr>
<td>Materials: Aluminum</td>
<td></td>
</tr>
<tr>
<td>Finishes: Bright gold anodized</td>
<td></td>
</tr>
<tr>
<td>Fasteners: #6 x 5/8” TPH Tapping Screws</td>
<td></td>
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<tr>
<td><strong>220S</strong></td>
<td></td>
</tr>
<tr>
<td>Gauge: 0.062” (1.6 mm)</td>
<td></td>
</tr>
<tr>
<td>Materials: Aluminum, brass, bronze, stainless steel</td>
<td></td>
</tr>
<tr>
<td>Bevel: None</td>
<td></td>
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<tr>
<td><strong>223S</strong></td>
<td></td>
</tr>
<tr>
<td>Gauge: 0.062” (1.6 mm)</td>
<td></td>
</tr>
<tr>
<td>Materials: Aluminum, brass, bronze, stainless steel</td>
<td></td>
</tr>
<tr>
<td>Bevel: 3 edges</td>
<td></td>
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<tr>
<td><strong>224S</strong></td>
<td></td>
</tr>
<tr>
<td>Gauge: 0.062” (1.6 mm)</td>
<td></td>
</tr>
<tr>
<td>Materials: Aluminum, brass, bronze, stainless steel</td>
<td></td>
</tr>
<tr>
<td>Bevel: 4 edges</td>
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<tr>
<td><strong>204S</strong></td>
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<tr>
<td>Gauge: 0.125” (3.2 mm)</td>
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<tr>
<td>Materials: Clear plastic</td>
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<tr>
<td>Bevel: 4 edges</td>
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<tr>
<td><strong>214S</strong></td>
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<tr>
<td>Gauge: 0.125” (3.2 mm)</td>
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<tr>
<td>Materials: Plastic laminate</td>
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<tr>
<td>Bevel: 4 edges</td>
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<tr>
<td>Colors: Black, Brown, Grey</td>
<td></td>
</tr>
<tr>
<td>Notes: Other colors are available and will be subject to minimum order quantities; priced on application</td>
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<tr>
<td><strong>225S</strong></td>
<td></td>
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<tr>
<td>Gauge: 0.060” (1.9 mm)</td>
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</tr>
<tr>
<td>Materials: Kydex®</td>
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</tr>
<tr>
<td>Colors: CBO - Calcutta Black, KGO - Beige, KHO - Chocolate</td>
<td></td>
</tr>
<tr>
<td>Notes: Other colors are available and will be subject to minimum order quantities; priced on application</td>
<td></td>
</tr>
<tr>
<td>Options: UL Listed*</td>
<td></td>
</tr>
</tbody>
</table>

*Must specify UL stamp.
230W
Convex Wall Stop
Certification: Meets ANSI A156.16 for L02101
Diameter: 2-15/32” (63 mm)
Projection: 1-3/32” (28 mm)
Materials: Cast brass, bronze with grey rubber bumper
Fasteners: One (1) #10 x 1-1/2” PPHWS with plastic and toggle anchor.
Notes: • Concealed tamper proof mounting
• Easy installation by inserting screwdriver through small hole in bumper
• Specify 230T for machine screw and toggle nut screwpack (10 pk)

232W | BL232W
Convex Wall Stop
Certification: Meets ANSI A156.16 for L02101
Diameter: 2-7/16” (62 mm)
Projection: 1” (25 mm)
Materials: Wrought brass, bronze, stainless steel with grey rubber bumper
Fasteners: One (1) #10 x 1-1/2” PPHWS with plastic and toggle anchor
Notes: • Concealed tamper proof mounting
• Easy installation by inserting screwdriver through small hole in bumper
• Specify 230T for machine screw and toggle nut screwpack (10 pk)
• BL232W is 232W case quantity 50

234W
Concave Wall Stop
Certification: Meets ANSI A156.16 for L02251
Diameter: 2-15/32” (63 mm)
Projection: 1-3/32” (28 mm)
Materials: Cast brass, bronze with grey rubber bumper
Fasteners: One (1) #10 x 1-1/2” PPHWS w/ plastic and toggle anchor
Notes: • Easy installation by inserting screwdriver through small hole in rubber bumper
• Concealed tamper proof mounting
• Concave rubber bumper prevents damage to locksets with projecting buttons
• Specify 230T for machine screw and toggle nut screwpack (10 pk)

236W | BL236W
Concave Wall Stop
Certification: Meets ANSI A156.16 for L02251
Diameter: 2-7/16” (75 mm)
Projection: 1” (25 mm)
Materials: Wrought brass, bronze, stainless steel with grey rubber bumper
Fasteners: One (1) #10 x 1-1/2” PPHWS w/ plastic and toggle anchor
Notes: • Easy installation by inserting screwdriver through small hole in rubber bumper
• Concealed tamper proof mounting
• Concave rubber bumper prevents damage to locksets with projecting buttons
• Specify 230T for machine screw and toggle nut screwpack (10 Pk)
• BL236W is 236W case quantity 50
TRIM & AUXILIARY

250W
Convex Wall Stop
Diameter: 1” (25 mm)
Projection: 9/16” (14 mm)
Materials: Brass
Fasteners: One (1) #6 x 3/4” screw with plastic anchor and one (1) 0.052 diameter nail
Notes:
• Concealed mounting screw prevents vandalism
• For use on drywall
• Compact design

251W
Concave Wall Stop
Diameter: 1-7/8” (48 mm)
Projection: 25/32” (20 mm)
Materials: Adhesive backed rubber bumper
Finish: Grey only
Notes:
• Concave bumper prevents damage to locksets with projecting buttons
• For areas where concealed mounting is not required
• Adhesive backing for use on clean smooth flat surfaces only

254S
Wall Stop & Holder
Certification: Meets ANSI A156.16 for L01341
Base Diameter: 2-11/32” (60 mm)
Base Projection: 3-1/2” (89 mm)
Engaged Projection: 5-19/32” (142 mm)
Keeper: 1” x 2” (25 mm x 51 mm)
Fasteners: Five (5) #10 x 1” FPHWS, and three (3) plastic anchors
Materials: Cast brass with black rubber bumper
Notes:
• For use on drywall
• Manual holder ideal for interior and exterior applications
• Unit functions as a stop, but can serve as a “Hold Open” when hook is manually engaged
• Ideal for use with locksets with a projection of 3-5/16” (84 mm) or less

254W
Wall Stop & Holder
Certification: Meets ANSI A156.16 for L01351
Base Diameter: 2-11/32” (60 mm)
Base Projection: 3-1/2” (89 mm)
Engaged Projection: 5-19/32” (142 mm)
Keeper: 1” x 2” (25 mm x 51 mm)
Fasteners: Three (3) #10 x 1” FPH tapping screw, one (1) plastic anchor, one (1) 5/16-18 x 2-1/2” threaded stud, and one (1) 5/16-18 lead anchor
Materials: Cast brass with black rubber bumper
Notes:
• For use on concrete walls
• Manual holder ideal for interior and exterior applications
• Unit functions as a stop, but can serve as a “Hold Open” when hook is manually engaged
• Ideal for use with locksets with a projection of 3-5/16” (84 mm) or less
255W Wall Stop
Certification: Meets ANSI A156.16 for L02021
Base Diameter: 2-11/32” (60 mm)
Projection: 3-11/16” (94 mm)
Fasteners: One (1) #10 x 1” OPHWS and three (3) plastic anchors
Materials: Cast brass with black rubber bumper
Notes: • For use on drywall
• Ideal for interior and exterior applications
• Heavy duty - for use in high traffic areas
• Ideal for use with locksets with a projection of 3” (76 mm) or less

256S Manual Wall Stop & Holder
Certification: Meets ANSI A156.16 for L01341
Base Diameter: 2-1/4” (57 mm)
Base Projection: 3-3/4” (95 mm)
Engaged Projection: 5-11/16” (145 mm)
Keeper: 25/32” x 1-1/2” (20 mm x 38 mm)
Materials: Cast brass with black rubber bumper
Fasteners: Three (3) #10 x 1” OPHWS and three (3) plastic anchors
Notes: • For use on drywall
• Ideal for interior and exterior applications
• Heavy duty - for use in high traffic areas
• Unit functions as a stop, but can serve as a “Hold Open” when hook is manually engaged
• Ideal for use with locksets with a projection of 3” (76 mm) or less
TRIM & AUXILIARY

256W
Manual Wall Stop & Holder
Certification: Meets ANSI A156.16 for L01351
Base Diameter: 2-1/4” (57 mm)
Base Projection: 3-3/4” (95 mm)
Engaged Projection: 5-11/16” (145 mm)
Keeper: 25/32” x 1-1/2” (20 mm x 38 mm)
Materials: Cast brass with black rubber bumper
Finishes:   US26D
Fasteners: One (1) #10 x 1” OPHWS, one (1) plastic anchor, one (1) 5/16-18 lead anchor, one (1) 5/16-18 x 2-1/2” threaded stud, and one (1) 5/16-18 x 2-1/2” combo threaded stud
Notes: • For use on concrete walls
       • Ideal for interior and exterior applications
       • Heavy duty - for use in high traffic areas
       • Unit functions as a stop, but can serve as a “Hold Open” when hook is manually engaged
       • Ideal for use with locksets with a projection of 3” (76 mm) or less

260W
Angled Wall Stop
Certification: Meets ANSI A156.16 for L02201
Projection: 3-21/32” (93 mm)
Materials: Cast brass with black rubber bumper
Finishes: US26D
Base: 2-3/16” wide x 2-15/16” tall (56 mm x 75 mm)
Fasteners: Three (3) #14 x 1-1/2” FPHWS, three (3) 1/4-20 x 3/4” FPHMS, three (3) plastic anchors, and three (3) 1/4-20 lead anchors
Notes: • For use with drywall or concrete walls
       • Sloping design resists vandalism
       • Ideal for use with locksets with a projection of 3” (76 mm) or less

324W
Light Duty Wall Bumper
Certification: Meets ANSI A156.16 for L0203
Base Diameter: 1-1/4” (32 mm)
Projection: 3-1/4” (83 mm)
Tip Diameter: 5/8” (16 mm)
Materials: Cast brass, bronze with white rubber tip
Fastener: #10 x 7/8” wood thread
Notes: • Replaceable rubber tip available
       • Hex shape near the tip allows usage of a wrench for easier installation
326W
Automatic Wall Stop & Holder
Certification: Meets ANSI A156.16 for L0129
Holder Base: 2-13/32” x 2-25/32” (61 mm x 71 mm)
Holder Projection: 2-5/16” (59 mm)
Engaged Projection: 3-5/8” (92 mm)
Strike Base: 1” x 2-1/16” (25 mm x 52 mm)
Strike Projection: 2” (51 mm)
Keeper: 1” x 2” (25 mm x 51 mm)
Materials: Cast brass
Fasteners: Five (5) #10 x 1” OPHWS, three (3) 10-24 x 1-1/4” FPHMS, and three (3) plastic anchors
Notes: • For use with wood or metal doors
• Holder is mounted on the door
• Roller is spring loaded to seat on strike - heavy duty rubber pad dampens sound and shock
• Ideal for use with locksets with a projection of 3” (76 mm) or less

327W
Automatic Wall Stop & Holder
Certification: Meets ANSI A156.16 for L11291
Holder Base: 3-1/16” x 3-1/2” (78 mm x 89 mm)
Holder Projection: 1-15/16” (49 mm)
Engaged Projection: 3-1/2” (89 mm)
Strike Diameter: 2-3/8” (60 mm)
Strike Projection: 3-1/16” (78 mm)
Materials: Cast brass
Fasteners: Three (3) #14 x 1-1/2” FPHWS, three (3) 1/4-20 x 3/4” FPHMS, four (4) 12-24 x 1” TPHMS, four (4) #12 x 1” TPHWS, and three (3) 1/4-20 lead anchors
Notes: • For use with wood or metal doors
• For use with drywall or concrete walls
• Roller is spring loaded to seat on strike - heavy duty rubber pad dampens sound and shock
• Strike is adjustable 45º left or right
• Holder has vertical adjustment once mounted on the door
• Ideal for use with locksets with a projection of 3” (76 mm) or less
• For doors up to 500 lbs
271W
Roller Bumper
Certification: Meets ANSI A156.16 for L02191
Base Diameter: 2” (51 mm)
Projection: 4-1/2” (114 mm)
Materials: Cast brass with grey rubber roller
Fasteners: Three (3) #10 x 1” FPHWS and three (3) plastic anchors
Notes: • For use when two doors swing into each other at right angles (back to back)
• Prevents damage to the door and door hardware

272W
Roller Bumper
Certification: Meets ANSI A156.16 for L02191
Base: 6-1/4” (159 mm)
Projection: 2” (51 mm) diameter
Materials: Cast brass with grey rubber roller
Fasteners: Three (3) #10 x 1” FPHWS and three (3) plastic anchors
Notes: • For use when two doors swing into each other at right angles (back to back)
• Prevents damage to the door and door hardware

273W
Curved Roller Bumper
Certification: Meets ANSI A156.16 for L12211
Projection: 2-21/32” (67 mm)
Materials: Cast brass with grey rubber roller
Fasteners: Three (3) #10 x 1” FPHWS and three (3) plastic anchors
Notes: • Used when two doors swing into each other at odd angles
• Prevents damage to the door and door hardware
### 241F | BL241F
**Dome Stop - Low**
- **Certification:** Meets ANSI A156.16 for L02141
- **Base Diameter:** 1-11/16” (43 mm)
- **Base Thickness:** 1/8” (3.2 mm)
- **Overall Height:** 1” (25 mm)
- **Materials:** Cast brass with grey rubber bumper
- **Fasteners:** One (1) #14 x 1-1/2” FPHWS, one (1) #1/4-20 x 3/4” FPHMS, one (1) #1/4-20 lead anchor, and one (1) plastic anchor
- **Notes:**
  - To be used independently or in conjunction with 246B
  - For use when no threshold is used (door not undercut)
  - For use with wood or concrete floors
  - BL241F is 241F case quantity 50

### 242F
**Dome Stop - Universal**
- **Certification:** Meets ANSI A156.16 for L0216
- **Base Diameter:** 1-11/16” (43 mm)
- **Base Thickness:** 7/32” (5.5 mm)
- **Overall Height:** 1-5/8” (41 mm)
- **Materials:** Brass with grey rubber bumper
- **Fasteners:** One (1) #14 x 1-1/2” FPHWS, one (1) #1/4-20 x 3/4” FPHMS, one (1) #1/4-20 lead anchor, and one (1) plastic anchor
- **Notes:** For use with wood or concrete floors

### 243F | BL243F
**Dome Stop - High**
- **Certification:** Meets ANSI A156.16 for L02161
- **Base Diameter:** 1-11/16” (43 mm)
- **Base Thickness:** 7/16” (11 mm)
- **Overall Height:** 1-9/32” (33 mm)
- **Materials:** Cast brass with grey rubber bumper
- **Fasteners:** One (1) #14 x 1-1/2” FPHWS, one (1) #1/4-20 x 3/4” FPHMS, one (1) #1/4-20 lead anchor, and one (1) plastic anchor
- **Notes:**
  - For use with thresholds or undercut doors
  - For use with wood or concrete floors
  - BL243F is 243F case quantity 50

### 244F
**Cast Floor Stop**
- **Base:** 1-3/4” x 4” (45 mm x 102 mm)
- **Base Thickness:** 5/32” (4 mm)
- **Overall Height:** 1” (25 mm)
- **Materials:** Cast brass with grey rubber bumper
- **Fasteners:** Two (2) #14 x 1-1/2” FPHWS, two (2) #1/4-20 x 3/4” FPHMS, two (2) #1/4-20 lead anchor, and two (2) plastic anchor
- **Notes:**
  - Heavy duty - for use in high traffic areas
  - For use when no thresholds are used (door not undercut)
  - For use with wood or concrete floors
TRIM & AUXILIARY

245F
Cast Floor Stop
Base: 1-3/4" x 4" (45 mm x 102 mm)
Base Thickness: 1/2" (13 mm)
Overall Height: 1-5/16" (33 mm)
Materials: Cast brass with grey rubber bumper
Fasteners: Two (2) #14 x 1-1/2" FPHWS, two (2) 1/4-20 x 1-1/4" FPHMS, two (2) 1/4-20 lead anchor, and two (2) plastic anchor
Notes: • Heavy duty - for use in high traffic areas
• For use with thresholds and undercut doors
• For use on wood or concrete floors

246B
Dome Stop Riser Plate
Diameter: 1-3/4" (45 mm)
Base Thickness: 3/8" (10 mm)
Fasteners: One (1) 1/4-20 x 1” FPHMS
Materials: Cast brass
Notes: For use with 241F on undercut doors, doors with thresholds, and carpeted flooring

248F
Modern Style Universal Stop
Base Diameter: 1-7/16" (37 mm)
Height: 1-1/2" (38 mm)
Materials: Brass with black rubber bumper
Finishes: US26D
Fasteners: One (1) #12 x 1-1/4” FPHWS, one (1) plastic anchor, one (1) 1/4-20 x 1” FPHMS, and one (1) 1/4-20 lead anchor

249F
L-Shaped Floor Stop
Base: 1” x 2-1/2” x 7/32” thick (25 mm x 64 mm x 6 mm)
Base Thickness: 1/4” (6 mm)
Overall Height: 2-5/8” (67 mm)
Materials: Steel
Stop face: Resilient black rubber
Fasteners: Two (2) #14 x 1-1/2” FPHWS and two (2) plastic anchors
Notes: 1-1/2” (38 mm) max door to floor clearance
252F
Floor Stop
Certification: Meets ANSI A156.16 for L02131
Base: 1-9/16” x 2-1/2” (40 mm x 64 mm)
Overall Height: 2-11/16” (68 mm)
Materials: Cast brass with black rubber bumper
Fasteners: One (1) #14 x 1-1/2” FPHWS, one (1) 1/4-20 x 3/4” FPHMS, one (1) 5/16-18 lead anchor, one (1) 1/4-20 lead anchor, one (1) plastic anchor, one (1) 5/16-18 x 2-1/2” threaded stud, and one (1) 5/16-18 x 2-1/2” combo threaded stud
Notes: • Heavy duty - for use in high traffic areas
      • For use on wood or concrete floors
      • 2” (51 mm) max door to floor clearance

257F
Floor Stop
Certification: Meets ANSI A156.16 for L02131
Base: 1-9/16” x 2-15/32” (40 mm x 63 mm)
Overall Height: 2” (51 mm)
Materials: Cast brass with black rubber bumper
Fasteners: One (1) #14 x 1-1/2” FPHWS, one (1) 1/4-20 x 3/4” FPHMS, one (1) 5/16-18 lead anchor, one (1) 1/4-20 lead anchors, one (1) plastic anchor, one (1) 5/16-18 x 2-1/2” threaded stud, and one (1) 5/16-18 x 2-1/2” combo threaded stud
Notes: • 1-3/8” (35 mm) max door to floor clearance
      • Heavy duty - for use in high traffic areas
      • For use on wood or concrete floors

258F
Floor Stop and Holder
Certification: Meets ANSI A156.16 for L01371
Base: 1-9/16” x 2-15/32” (40 mm x 63 mm)
Height: 3” (76 mm)
Keeper: 1” x 2” (25 mm x 51 mm)
Materials: Cast brass with black rubber bumper
Fasteners: Two (2) #10 x 1” FPHWS, one (1) 1/4-20 x 3/4” FPHMS, one (1) 5/16-18 lead anchor, one (1) 1/4-20 lead anchors, and one (1) 5/16-18 x 2-1/2” threaded stud
Notes: • 1-3/8” (35 mm) max door to floor clearance
      • Heavy duty - for use in high traffic areas
      • For use on concrete floors
      • Manual holder ideal for interior and exterior applications
      • Unit functions as a stop, but can serve as a “Hold Open” when hook is manually engaged
TRIM & AUXILIARY

259F
Tri Base Floor Stop
Base: 2-1/2” wide x 1-9/16” deep (64 mm x 40 mm)
Overall Height: 1-11/16” (43 mm)
Material: Cast brass with grey rubber bumper
Fasteners: Three (3) #10 x 1-1/4” FPHWS, three (3) plastic anchors, three (3) 10-32 x 3/4” FPHMS, and three (3) 10-32 lead anchor
Notes: • 1/2” (13 mm) max door to floor clearance
• Heavy duty - for use in high traffic areas
• For use on wood or concrete floors

259H
Tri Base Floor Stop - Tall
Base: 2-1/2” wide x 1-9/16” deep (64 mm x 40 mm)
Overall Height: 2-1/4” (57 mm)
Material: Cast brass with grey rubber bumper
Fasteners: Three (3) #10 x 1-1/4” FPHWS, three (3) plastic anchor, three (3) 10-32 x 3/4” FPHMS, and three (3) 10-32 lead anchors
Notes: • 1” (25 mm) max door to floor clearance
• Heavy duty - for use in high traffic areas
• For use on wood or concrete floors

267F
Cast Floor Stop
Certifications: Meets ANSI A156.16 for L02131
Base Diameter: 2-1/4” (57 mm)
Overall Height: 3-1/8” (80 mm)
Material: Cast brass with black rubber bumper
Fasteners: One (1) #10 x 1” OPHWS, one (1) plastic anchor, one (1) 5/16-18 lead anchor, one (1) 5/16-18 x 2-1/2” threaded stud, and one (1) 5/16-18 x 2-1/2” combo threaded stud
Notes: • 2-3/8” (60 mm) max door to floor clearance
• Heavy duty - for use in high traffic areas
• For use on concrete floors

267S
Cast Floor Stop
Certifications: Meets ANSI A156.16 for L02121
Base Diameter: 2-1/4” (57 mm)
Overall Height: 3-1/8” (80 mm)
Material: Cast brass with black rubber bumper
Fasteners: Three (3) #10 x 1” OPHWS and three (3) plastic anchors
Notes: • 2-3/8” (60 mm) max door to floor clearance
• Heavy duty - for use in high traffic areas
• For use on wood floors
268F
Cast Floor Stop and Holder
Certifications: Meets ANSI A156.16 for L01371
Base Diameter: 2-1/4” (57 mm)
Height: 3-19/32” (91 mm)
Keeper: 25/32” x 1-1/2” (20 mm x 38 mm)
Materials: Cast brass with black rubber bumper
Fasteners: Three (3) #10 x 1” OPHWS, one (1) plastic anchor, one (1) 5/16-18 lead anchor, and one (1) 5/16-18 x 2-1/2” threaded stud
Notes: • 2-1/2” (64 mm) max door to floor clearance
• Heavy duty - for use in high traffic areas
• For use on concrete floors
• Manual holder ideal for interior and exterior applications
• Unit functions as a stop, but can serve as a "Hold Open" when hook is manually engaged

268S
Cast Floor Stop and Holder
Certifications: Meets ANSI A156.16 for L01361
Base Diameter: 2-1/4” (57 mm)
Height: 3-19/32” (91 mm)
Keeper: 25/32” x 1-1/2” (20 mm x 38 mm)
Materials: Cast brass with black rubber bumper
Fasteners: Five (5) #10 x 1” OPHWS and three (3) plastic anchors
Notes: • 2-1/2” (64 mm) max door to floor clearance
• Heavy duty - for use in high traffic areas
• For use on wood floors
• Manual holder ideal for interior and exterior applications
• Unit functions as a stop, but can serve as a "Hold Open" when hook is manually engaged

269F
Heavy Duty Floor Stop
Certifications: Exceeds the criteria set forth for a 300-pound impact test (Report #91-04-01646)
Bumper Diameter: 2” (51 mm)
Bumper Height: 1-1/2” (38 mm)
Steel Bolt: 5/8 – 11 x 2-1/2” thread
Materials: Black rubber (fire-resistant)
Notes: • Designed for high vandalism areas
• Ideal for prisons where floor stops are required
• Grouted in concrete to eliminate exposed screws
269T
Heavy Duty Floor Stop
Certifications: Exceeds the criteria set forth for a 300-pound impact test (Report #91-04-01646)
Bumper Diameter: 2” (51 mm)
Bumper Height: 3-1/2” (89 mm)
Steel Bolt: 5/8 – 11 x 2-1/2” thread
Materials: Black rubber (fire-resistant)
Notes: • Designed for high vandalism areas
• Ideal for prisons where floor stops are required
• Grouted in concrete to eliminate exposed screws

326F
Automatic Floor Stop and Holder
Certifications: Meets ANSI A156.16 for L01301
Holder Projection: 1-15/16” (49 mm)
Holder Base: 3-1/16” x 3-1/2” (78 mm x 89 mm)
Floor Strike: 2” x 4-3/32” (51 mm x 104 mm)
Strike Height: 1-1/4” (32 mm)
Max Door to Floor Clearance: 1/2” (13 mm) or less
Materials: Brass
Fasteners: Three (3) #14 x 1-1/2” FPHWS, three (3) 1/4-20 x 3/4” FPHMS, three (3) 1/4-20 lead anchors, four (4) 12-24 x 1” TPHMS, and four (4) #12 x 1” TPHWS
Notes: • For use on wood or metal doors and wood or concrete floors
• Ideal for heavy traffic situations that require frequent hold open
• Firm pull releases holding mechanism
• Holder has vertical adjustment once mounted on the door

327F
Automatic Floor Stop and Holder
Certifications: Meets ANSI A156.16 for L01301
Holder Projection: 1-15/16” (49 mm)
Holder Base: 3-1/16” x 3-1/2” (78 mm x 89 mm)
Floor Strike: 2-3/16” x 4-1/8” (56 mm x 105 mm)
Strike Height: 1-3/4” (44 mm)
Max Door to Floor Clearance: 9/16” to 1-1/16” (14 mm to 27 mm)
Materials: Brass
Fasteners: Three (3) #14 x 1-1/2” FPHWS, three (3) 1/4-20 x 3/4” FPHMS, three (3) 1/4-20 lead anchors, four (4) 12-24 x 1” TPHMS, and four (4) #12 x 1” TPHWS
Notes: • For use on wood or metal doors and wood or concrete floors
• Ideal for heavy traffic situations that require frequent hold open
• Firm pull releases holding mechanism
• Holder has vertical adjustment once mounted on the door
**328F**  
**Automatic Floor Stop and Holder**  
Certifications: Meets ANSI A156.16 for L01301  
Holder Projection: 1-15/16” (49 mm)  
Holder Base: 3-1/16” x 3-1/2” (78 mm x 89 mm)  
Floor Strike: 2-3/16” x 4-1/8” (56 mm x 105 mm)  
Strike Height: 2-1/4” (57 mm)  
Max Door to Floor Clearance: 1-1/8” to 1-9/16” (29 mm to 40 mm)  
Materials: Brass  
Fasteners: Three (3) #14 x 1-1/2” FPHWS, three (3) 1/4-20 x 3/4” FPHMS, three (3) 1/4-20 lead anchors, four (4) 12-24 x 1” TPHMS, and four (4) #12 x 1” TPHWS  
Notes: • For use on wood or metal doors and wood or concrete floors  
• Ideal for heavy traffic situations that require frequent hold open  
• Firm pull releases holding mechanism  
• Holder has vertical adjustment once mounted on the door

**329F**  
**Automatic Floor Stop and Holder**  
Certifications: Meets ANSI A156.16 for L01301  
Holder Projection: 1-15/16” (49 mm)  
Holder Base: 3-1/16” x 3-1/2” (78 mm x 89 mm)  
Floor Strike: 2-3/16” x 4-1/8” (56 mm x 105 mm)  
Strike Height: 2-3/4” (70 mm)  
Max Door to Floor Clearance: 1-5/8” to 2-1/16” (41 mm to 52 mm)  
Materials: Brass  
Fasteners: Three (3) #14 x 1-1/2” FPHWS, three (3) 1/4-20 x 3/4” FPHMS, three (3) 1/4-20 lead anchors, four (4) 12-24 x 1” TPHMS, and four (4) #12 x 1” TPHWS  
Notes: • For use on wood or metal doors and wood or concrete floors  
• Ideal for heavy traffic situations that require frequent hold open  
• Firm pull releases holding mechanism  
• Holder has vertical adjustment once mounted on the door
TRIM & AUXILIARY

270C
Kick Down Door Holder
Certifications: Meets ANSI A156.16 for L71382
Base: 1-7/16” x 2-1/8” (37 mm x 54 mm)
Arm: 3-13/16” (97 mm)
Materials: Cast iron with rubber tip
Finishes: S1 - Sprayed Aluminum, S2 - Sprayed Brass, S3 - Sprayed Bronze
Fasteners: Four (4) #6 x 3/4” OPH tapping screws
Notes: • Provides simple hold and release with a touch of the foot
• 2-1/4” (57 mm) max door to floor clearance

270D
Kick Down Door Holder
Certifications: Meets ANSI A156.16 for L01381
Base: 1-19/32” x 1-25/32” (41 mm x 45 mm)
Arm: 3-1/2” (89 mm)
Materials: Cast brass with rubber tip
Fasteners: Three (3) #6 x 3/4” OPHWS
Notes: • Provides simple hold and release with a touch of the foot
• 2-1/4” (57 mm) max door to floor clearance

270R
Replacement Rubber Tip
Materials: Rubber
Notes: • For use with 270D and 271D
• Sold in packs of 10

271D
Kick Down Door Holder
Certifications: Meets ANSI A156.16 for L01381
Base: 1-19/32” x 1-25/32” (41 mm x 45 mm)
Arm: 4-7/16” (87 mm)
Materials: Cast brass with rubber tip
Fasteners: Three (3) #6 x 3/4” OPHWS
Notes: • Provides simple hold and release with a touch of the foot
• 3-1/4” (83 mm) max door to floor clearance
275D | 276D
Surface Bolt
Certifications: Meets ANSI A156.16 for L04161
Overall Projection: 1-3/8” (35 mm)
Overall Width: 2-1/32” (52 mm)
Bar: 3/4” x 1/4” (19 mm x 6 mm) thick
Length: 275D - 8” (203 mm)
276D - 12” (305 mm)
Throw: 1” (25 mm)
Materials: Steel
Fasteners: Eight (8) #10 x 1-1/4” FPHWS and eight (8) 10-24 x 1” undercut FPHMS
Notes:
• Mortise bottom strike and universal top strike included
• Strong tension springs prevent creep
• UL listed for use on inactive leaf of a pair of 3-HR labeled fire doors

278D
Surface Bolt
Bolt Length: 6” (152 mm)
Bolt Width: 7/16” (11 mm)
Bolt Throw: 31/32” (25 mm)
Base Width: 19/32” (15 mm)
Knob Diameter: 1/2” (13 mm)
Projection: 3/4” (19 mm)
Materials: Brass
Fasteners: Four (4) #5 x 5/8” FPHWS
Notes:
• Mortise and universal strikes included
• Concealed screw design enhances appearance and security
• Permanent stop prevents bolt disengagement from track

279D
Surface Bolt
Length: 4” (102 mm)
Width: 1-11/16” (43 mm)
Throw: 3/8” (10 mm)
Half Round Bolt Size: 5/8” (16 mm)
Projection: 1-1/4” (32 mm)
Knob Diameter: 29/32” (23 mm)
Materials: Brass
Fasteners: Twelve (12) #6 x 3/4” FPHWS
Notes: Mortise and universal strikes included
TRIM & AUXILIARY

280X Dust Proof Strike
Certifications: Meets ANSI A156.16 for L04021
Face Plate: 1-7/16" x 2-29/32" x 1/8" depth (37 mm x 74 mm x 3 mm)
Barrel Diameter: 1" (25 mm)
Barrel Depth: 2-3/16" (56 mm)
Plunger Diameter: 3/4" (19 mm)
Materials: Brass
Fasteners: Two (2) #8 x 1" FPHWS, two (2) plastic anchors, and spanner wrench
Notes: • Packed unassembled with plate, strike, fasteners, and spanner wrench
• Designed for use with the bottom bolt of a flushbolt set
• Spring loaded plunger returns to floor or threshold level anytime flushbolt is retracted, eliminating the need to clean out the bottom strike

281D Slide Flush Bolt
Certifications: Meets ANSI A156.16 for L04201
Faceplate: 3/4" x 6" (19 mm x 153 mm)
Bolt Diameter: 1/2" (13 mm)
Bolt Throw: 1" (25 mm)
Bolt Backset: 7/16" (11 mm)
Strike: 7/8" x 1-3/4" (22 mm x 45 mm)
Materials: Brass, bronze faceplate with steel components
Fasteners: Four (4) #6 x 3/4" FPHWS
Notes: Double action spring design provides automatic holding of bolt in projected or retracted position

282D Manual Flush Bolt
Certifications: • Fits ANSI A115 door and frame prep
• Meets ANSI A156.16 for L14251
Face Plate: 1" x 6-3/4" (25 mm x 172 mm)
Bolt Head: 1/2" (13 mm) square
Bolt Throw: 3/4" (19 mm)
Standard Rod Length: 12" (305 mm) (center of face to corner of door)
Bolt Backset: 3/4" (19 mm)
Mortise Strike: 15/16" x 2-1/4" (24 mm x 57 mm)
Materials: Brass faceplate with steel components
Fasteners: Eight (8) #8 x 3/4" combo screws; eight (8) #8 x 1-1/2" combo screws
Notes: • For use on hollow metal/fire rated doors
• Non-handed
• Bolt head rods are adjustable
• Sold in increments of two.
• 3-Hr fire rating for metal doors up to 4 feet wide by 10 feet tall.
• 282S strike plate bag and 282P bolt head available
• Specify 282R for optional rod length of 18" (457 mm), 25" (635 mm), or 30" (762 mm) (bolt head not included)
283D
Manual Flush Bolt
Certifications: Meets ANSI A156.16 for L14261
Face Plate: 1” x 6-25/32” (25 mm x 172 mm)
Bolt Head: 1/2” (13 mm) square
Bolt Throw: 3/4” (19 mm)
Bolt Backset: 3/4” (19 mm)
Mortise Strike: 15/16” x 2-1/4” (24 mm x 57 mm)
Materials: Brass faceplate with steel components
Fasteners: Eight (8) #8 x 3/4” combo screws and eight (8) #8 x 1-1/2” combo screws
Notes: • For use on wood composite/ fire rated doors
         • Non-handed
         • Bolt head rods are adjustable
         • 1-1/2 hour fire rating for wood doors up to 4 feet wide by 10 feet tall

291D
Automatic Flush Bolt Set for Wood Covered Composite Doors
Certifications: B, C, D, and E Label
             ANSI A156.3 Type #25
Face Plate: 1” x 8-1/2” (25 mm x 216 mm)
Bolt Head: 1/2” (13 mm) square
Bolt Throw: 3/4” (19 mm)
Bolt Backset: 3/4” (19 mm)
Mortise Strike: 15/16” x 2-1/4” (24 mm x 57 mm)
Materials: Stainless steel and brass with steel components
Fasteners: Six (6) #8 x 1” combo screws, three (3) #10 x 1” SMS, and two (2) plastic anchors
Notes: • Thermal lock automatically locks inactive door under high fire/heat conditions
         • 280X dust proof strikes are recommended for use with these sets
         • Used in pairs at top and bottom of inactive door
         • Fully automatic – bolts retract when active door is opened; bolts extend when active door is closed
         • Non-handed
         • Bolt head rods are adjustable
         • 1-1/2 hour fire rating for wood doors up to 4 feet wide by 9 feet tall
TRIM & AUXILIARY

292D
Automatic Flush Bolt Set for Metal Doors
Certifications: A, B, C, D, and E Label
ANSI A156.3 Type #25
Face Plate: 1” x 6-3/4” (27 mm x 172 mm)
Bolt Head: 1/2” (13 mm) square
Bolt Throw: 3/4” (19 mm)
Bolt Backset: 3/4” (19 mm)
Mortise Strike: 15/16” x 2-1/4” (24 mm x 57 mm)
Materials: Stainless steel and brass with steel components
Fasteners: Ten (10) #8 x 1” combo screws
Notes: • Thermal lock automatically locks inactive door under high fire/heat conditions
• 280X dust proof strikes are recommended for use with these sets
• Used in pairs at top and bottom of inactive door
• Fully automatic – bolts retract when active door is opened; bolts extend when active door is closed
• Non-handed
• Bolt head rods are adjustable
• 3-hour fire rating for metal doors up to 4 feet wide by 9 feet tall

293D
Self Latching Flush Bolt Set for Inactive Metal Doors
Certifications: A, B, C, D, and E Label
ANSI A156.3 Type #27
Face Plate: 1” x 6-3/4” (25 mm x 172 mm)
Bolt Head: 1/2” (13 mm) square
Bolt Throw: 3/4” (19 mm)
Bolt Backset: 3/4” (19 mm)
T-Strike: 1-1/8” x 2-3/4” (28 mm x 70 mm)
Materials: Stainless steel and brass with steel components
Fasteners: Eight (8) #8 x 1” combo screws
Notes: • Thermal lock automatically locks inactive door under high fire/heat conditions
• 280X dust proof strikes are recommended for use with these sets
• Consists of one 292S and one 293S for two point latching
• Inactive door remains latched until the active door is opened, releasing the automatic bottom bolt - Top bolt can be manually released by pressing plunger - Inactive door will relatch automatically when closed
• Non-handed
• Bolt head rods are adjustable
• 3-hour fire rating for metal doors up to 4 feet wide by 9 feet tall
294D
Self Latching Flush Bolt Set for Inactive Wood Covered Composite Doors

Certifications: B, C, D, and E Label
ANSI A156.3 Type #27

Face Plate: 1” x 8-1/2” (25 mm x 216 mm)
Bolt Head: 1/2” (13 mm) diameter
Bolt Throw: 3/4” (19 mm)
Bolt Backset: 3/4” (19 mm)
T-Strike: 1-1/8” x 2-3/4” (28 mm x 70 mm)

Materials: Stainless steel and brass with steel components
Fasteners: Four (4) #8 x 1” combo screws, three (3) #10 x 1” SMS, and two (2) plastic anchors

Notes:
• Thermal lock automatically locks inactive door under high fire/heat conditions
• 280X dust proof strikes are recommended for use with these sets
• May be used on doors 4 ft. wide and 9 ft. high
• Consists of one 292S and one 293S for two point latching
• Inactive door remains latched until the active door is opened, releasing the automatic bottom bolt - Top bolt can be manually released - Inactive door will relatch automatically when closed
• Non-handed
• Bolt head rods are adjustable
• 1-1/2 hour fire rating for wood doors up to 4 feet wide by 9 feet tall

295M
Automatic Flush Bolt Set with Fire Bolt for Metal Doors

Certifications: ANSI/BHMA 156.3 Type #25

Face Plate: 1” x 6-3/4” (25 mm x 172 mm)
Bolt Head: 1/2” (13 mm) diameter
Bolt Throw: 3/4” (19 mm)
Bolt Backset: 3/4” (19 mm)
Mortise Strike: 15/16” x 2-1/4” (24 mm x 57 mm)

Materials: Stainless steel and brass with steel components
Fasteners: Ten (10) #8 x 1” combo screws

Notes:
• Fire bolt is activated at 230º Fahrenheit projecting into active door locking leaves together - This combination eliminates the bottom flushbolt and eliminates floor preparation
• Fully automatic – Bolt retracts when active door is opened - Bolt extends when active door is closed
• Non-handed
• Bolt head rods are adjustable
• 3-hour fire rating for metal doors up to 4 feet wide by 9 feet tall
296W
**Automatic Flush Bolt Set for Wood Doors**

Certifications: ANSI/BHMA 156.3 Type #25

Face Plate: 1-1/8” x 2-1/4” (29 mm x 57 mm)

Bolt Head: 1/2” (13 mm) diameter

Bolt Throw: 3/4” (19 mm)

Bolt Backset: 1-1/2” (39 mm)

Materials: Stainless steel and brass with steel components


Fasteners: Sixteen (16) #8 x 1” APS, four (4) plastic anchors

Notes:

- ADA compliant
- Ideal for wood veneer doors
- Only two (2) 1-1/8” diameter holes needed for easier door preparation
- Opening active door retracts top and bottom bolts
- Smaller profile adds stability to the door
- 1-1/2 hour fire rating for doors up to 4 feet wide by 9 feet tall
297C
Carry Bar
Certifications: ANSI/BHMA A156.3 Type #27
Projection: 25/32” (20 mm)
Base: 1-3/4” x 2-1/4” (45 mm x 57 mm)
Materials: Brass and stainless steel
Fasteners: Two (2) 12-24 x 3/4" PPHMS w/ sex nuts
Notes: • Used when it is possible for the inactive door to be opened before the active door
• For use on pairs of doors with astragals
• For use in conjunction with a 297D or 298D coordinator
• Prevents damage to the doors and other hardware
• Carry bar is not required when the inactive door is equipped with flush bolts
• Non-handed

297D
Coordinating Device
Certifications: ANSI/BHMA A156.3 Type #21A
Base: 1-3/4” x 2-1/4” (45 mm x 57 mm)
Materials: Steel
Finishes: Black Prime Coat
Fasteners: Seven (7) 12-24 x 1-1/4” TPHMS and four (4) #8 x 1” FPH combo screws
Notes: • For use with overall frame widths 60” (1524 mm), 72” (1829 mm), or 96” (2438 mm), consult Hager customer service if overall frame width is different than our stock sizes
• Coordinating device is 52” (1321 mm) long for all stock sizes 60” (1524 mm), 72” (1829 mm), or 96” (2438 mm)
• Filler bar is cut to length in field to match customers overall frame width
• Non-handed
• Designed for use on pairs of doors when one door needs to close before the other
• Active door lever, located nearest to the active stop, holds the active door open until the trigger mechanism is released by the closing of the inactive leaf
• Coordinator may not span the entire length of stop, 297F filler bar may be needed to fill up the extra space
• Compatible with flushbolts
• Optional mounting brackets 297M and 297N may be used when mounting other stop applied hardware
• For use with active door widths 30” (762 mm) – 48” (1219 mm)
• If active and inactive doors are unequal in length, consult Hager customer service for proper sizing

OVERALL FRAME WIDTH

ACTIVE DOOR
INACTIVE DOOR
COORDINATOR
FILLER BAR
297F
**Filler Bar**
Stop Height: 5/8" (16 mm)
Length: 18-5/8" (473 mm) (for jamb opening widths 52" – 72");
42-5/8" (1082 mm) (for jamb opening widths 73" – 96")
Notes: For use with 297D coordinator

297M
**Mounting Brackets**
Jamb Depth: 4-3/4" (121 mm)
Stop Height: 5/8" (16 mm)
Finishes: Black prime coat
Fasteners: Four (4) 12-24 x 2" FPHMS and four (4) 1/4-20 x 1/2" FPHMS
Notes: • For use with 297D coordinator
• For soffit width 7/8" - 2-1/4" (22 mm - 57 mm)
• Allows stop mounted hardware to be properly installed without damaging the coordinator, such as a parallel arm closer or a non-fire rated surface vertical rod strike

297N
**Mounting Brackets**
Jamb Depth: 4-1/4" (108 mm)
Stop Height: 5/8" (16 mm)
Finishes: Black prime coat
Fasteners: Four (4) 12-24 x 2" FPHMS and four (4) 1/4-20 x 1/2" FPHMS
Notes: • For use with 297D coordinator
• For soffit width greater than 2-1/4" (57 mm)
• Allows stop mounted hardware to be properly installed without damaging the coordinator, such as a parallel arm closer or a non-fire rated surface vertical rod strike

298D
**Gravity Coordinator**
Certifications: ANSI A156.3 Type #21B
Base: 5-1/2" x 1-1/8" (140 mm x 29 mm)
Projection: 7" (178 mm)
Materials: Brass with rubber roller and nylon cam roller
Fasteners: Two (2) #12 x 1" OPHWS, two (2) #6 x 3/4" FPHWS, two (2) #8 x 3/4" TPHWS, and one (1) #6 x 3/4" FPHWS
Notes: • Non-handed
• Do not use 298D coordinator in conjunction with flushbolts. Use 297D when using flushbolts
• Gravity arm and door bracket are adjustable on the job for ease of installation
• For use on pairs of doors with astragal on active door up to 4’ (1219 mm) wide or with astragal on inactive door up to 3’-4” (1016 mm) wide or with astragal on both doors up to 2’-10” (864 mm) wide
• Minimum 3” (76 mm) header required
• Maximum astragal overlap - 7/8” (22 mm)
**311H | 311L**  
**Push/Pull Latch**

<table>
<thead>
<tr>
<th>Specifications</th>
</tr>
</thead>
</table>
| Certifications: ANSI A156.2 Closest Equivalent  
(Bored Latch - Series 4000 - Grade 2) |
| Push & Pull levers: 1-15/16” x 4-1/2” (49 mm x 114 mm) |
| Escutcheons: 3-1/16” x 5” (78 mm x 127 mm) |
| Projection: 2-5/8” (67 mm) |
| Bolt Throw: 1/2” (13 mm) |
| Bolt Diameter: 3/4” (19 mm) |
| Backset: • 2-3/4” (70 mm) - Standard  
• 5” (127 mm) - Optional  
Strike (TEE) - standard: 1-1/8” x 2-3/4” (29 mm x 70 mm)  
Strike (ASA) - standard: 1-1/4” x 4-7/8” (32 mm x 124 mm)  
Door thickness: 1-3/4” (45 mm) |
| Materials: Zinc and stainless steel |
| Notes: • Non-handed  
• Engraving is optional  
• 311L is same as 311H but for use on lead lined doors |

**Optional Vertical Mounting**  
Requires 2-3/4” to 5” (70 mm - 127 mm) backset

**Optional Horizontal Mounting**  
Requires 5” (127 mm) backset

---

**318D**  
**Roller Latch with Tee Strike**

<table>
<thead>
<tr>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Certifications: Meets ANSI A156.16 for E09091</td>
</tr>
<tr>
<td>Roller Faceplate: 1” x 3-3/8” (25 mm x 86 mm)</td>
</tr>
<tr>
<td>Strike: 1-1/8” x 2-3/4” (29 mm x 70 mm)</td>
</tr>
<tr>
<td>Strike Gauge: 0.063” (1.5 mm)</td>
</tr>
<tr>
<td>Materials: Brass</td>
</tr>
<tr>
<td>Fastenlers: Two (2) #10 x 1-1/2” FPHWS, two (2) #8 x 1” FPHWS, and two (2) 8-32 x 3/4” FPHMS</td>
</tr>
</tbody>
</table>
| Notes: • Adjustable spring tension with nylon roller  
• Projection of roller is easily adjusted using screws on faceplate  
• Max projection of the roller is 3/8” (9.5 mm) allowing for variance in door and frame clearance |
TRIM & AUXILIARY

318S
Roller Latch with Stop
Certifications: Meets ANSI A156.16 for E0911
Roller Faceplate: 1-7/16” wide x 4-7/16” high x 11/16” angle (37 mm x 111 mm x 18 mm)
Strike: 1-1/8” x 2-1/4” (29 mm x 57 mm)
Strike Gauge: 0.063” (1.5 mm)
Materials: Brass
Fasteners: Two (2) #10 x 1-1/2” FPHWS and two (2) 8-32 x 3/4” FPHMS
Notes: • Adjustable spring tension with nylon roller
• Projection of roller is easily adjusted using screws on faceplate
• Max projection of the roller is 3/8” (9.5 mm) allowing for variance in door and frame clearance

320R
Roller Catch with Tee Strike
Certifications: Meets ANSI A156.16 for E0910
Roller Faceplate: 1-1/8” x 2-1/4” (29 mm x 57 mm)
Strike: 1-1/4” x 2-3/4” x 1/16” thick (32 mm x 70 mm x 1.5 mm)
Materials: Brass
Fasteners: Four (4) #8 x 1” FPHWS
Notes: • Adjustable threaded barrel compensates for various door clearances
• Adjustable spring tension
• For use with wood door and frame

321R
Adjustable Ball Catch with Strike
Roller Faceplate: 1” x 2-1/8” (25 mm x 54 mm)
Strike: 1-1/2” x 2-1/8” (38 mm x 54 mm)
Strike Gauge: 0.050” (1.3 mm)
Materials: Brass with steel ball
Fasteners: Four (4) #6 FPHWS
Notes: • Adjustable threaded barrel compensates for various door clearances
• Adjustable spring tension
• For use with wood door and frame

340D
Latch Protection Plate
Size: 3” x 11” (76 mm x 279 mm)
Materials: 12GA steel, stainless steel
Finishes: US2C, US32D
Fasteners: Two (2) 5/16-18 x 1-1/2” carriage bolts with sex nuts
Notes: • For use with 1-3/4” (45 mm) doors
• Non-handed
• Frame pin prevents prying of door
• For use with most mortise locks
• For use with cylindrical locksets with a 3-3/4” (95 mm) backset or greater
341D
Latch Protection Plate with Lock Cut Out
Size: 3” x 11” (76 mm x 279 mm)
Materials: 12GA steel, stainless steel
Finishes: US2C, US32D
Fasteners: Two (2) 5/16-18 x 1-1/2” carriage bolts with sex nuts
Notes: • For use with 1-3/4” (45 mm) doors
• Non-handed
• Frame pin prevents prying of door
• For use with cylindrical locksets with a 2-3/4” (70 mm) backset

345D
Latch Protection Plate
Size: 1-5/8” x 10” (41 mm x 254 mm)
Materials: 12GA steel, stainless steel
Finishes: US2C, US32D
Fasteners: Two (2) 5/16-18 x 1-1/2” carriage bolts with sex nuts
Notes: • For use with 1-3/4” (45 mm) doors
• Non-handed
• For use with cylindrical locksets

1442
Roller Latch with Full Lip Strike
Certifications: Meets ANSI A156.16 for E09091
Roller Faceplate: 1” x 3-3/8” (25 mm x 86 mm)
Strike: 1-11/16” x 2-1/4” (43 mm x 57 mm)
Strike Gauge: 5/32” (4 mm)
Materials: Brass
Fasteners: Two (2) #10 x 1-1/2” FPHWS, two (2) #8 x 1” FPHWS, and two (2) 8-32 x 3/4” FPHMS
Notes: • Adjustable spring tension with nylon roller
• Projection of roller is easily adjusted using screws on faceplate
• Max projection of the roller is 3/8” (9.5 mm) allowing for variance in door and frame clearance

1443
Roller Latch with ASA Strike
Certifications: Meets ANSI A156.16 for E09101
Roller Faceplate: 1” x 3-3/8” (25 mm x 86 mm)
Strike: 1-1/4” x 4-7/8” (32 mm x 124 mm)
Strike Gauge: 0.090” (2.3 mm)
Materials: Brass
Fasteners: Two (2) #10 x 1-1/2” FPHWS, two (2) #12 x 3/4” FPHWS, and two (2) 12-24 x 1/2” FPHMS
Notes: • Adjustable spring tension with nylon roller
• Projection of roller is easily adjusted using screws on faceplate
• Max projection of the roller is 3/8” (9.5 mm) allowing for variance in door and frame clearance
TRIM & AUXILIARY

901P
Coat Hook - Short Single
- Diameter: 1” (25 mm)
- Projection: 1-1/4” (32 mm)
- Materials: Brass, bronze
- Finishes: US3, US26D
- Fasteners: #14 x 1-1/4” wood thread
- Notes: Concealed mounting

902P
Coat Hook - Long Single
- Diameter: 1” (25 mm)
- Projection: 2-1/2” (63 mm)
- Materials: Brass, bronze
- Finishes: US3, US26D
- Fasteners: #14 x 1-1/4” wood thread
- Notes: Concealed mounting

903P
Coat Hook - Long Double
- Diameter: 1” (25 mm)
- Projection: 2-1/2” (63 mm)
- Materials: Brass, bronze
- Finishes: US3, US26D
- Fasteners: #14 x 1-1/4” wood thread
- Notes: Concealed mounting

936P
Coat Hook Single Angled
- Base Diameter: 1-15/16” (49 mm)
- Hook Diameter: 11/16” (17 mm)
- Projection: 3-5/16” (84 mm)
- Materials: Brass, bronze
- Finishes: US3, US26D
- Notes: Concealed mounting

937P
Coat Hook
- Projections:
  - 3-3/4” (95 mm) top hook
  - 2-1/2” (63 mm) bottom hook
- Materials: Brass, bronze
- Finishes: US3, US26D

940P
Coat Hook - Double
- Overall Height: 4-11/16” (119 mm)
- Top Projection: 3-15/16” (100 mm)
- Bottom Projection: 2-1/8” (54 mm)
- Material Thickness: 1/4” (6 mm)
- Fasteners: Two (2) #10 x 1” FPHWS

941P
Coat Hook - Single
- Overall Height: 2-5/16” (59 mm)
- Projection: 2-1/8” (54 mm)
- Material Thickness: 1/4” (6 mm)
- Fasteners: Two (2) #10 x 1” FPHWS
TRIM & AUXILIARY

945P
Double Coat Hook - Surface Mounting
Overall Height: 5-1/2" (140 mm)
Projection: 3-5/16" (84 mm)
Materials: Brass, bronze
Finishes: US3, US26D
Fasteners: Four (4) #10 x 1” FPHWS w/ anchors

946P
Double Coat Hook - Concealed Mounting
Overall Height: 5-1/2" (140 mm)
Projection: 3-11/16" (94 mm)
Materials: Brass, bronze
Finishes: US3, US26D
Fasteners: Two (2) #10 x 1” FPHWS w/ anchors
Notes: Concealed mounting

951P
Coat Hook - Double
O/A Height: 5-3/4" (146 mm)
Projection: 2-3/4" (70 mm)
Materials: Brass, bronze
Finishes: US3, US26D
Notes: Concealed mounting

952P
Coat Hook - Single
Projection: 2-7/32" (56 mm)
Materials: Brass, bronze
Finishes: US3, US26D
Notes: Concealed mounting

956P
Double Coat Hook - Angled
Overall Height: 5-11/16" (144 mm)
Projection: 3-23/32" (95 mm)
Materials: Brass, bronze
Finishes: US3, US26D
Notes: Concealed mounting

957P
Coat Hook
Projection: 1-3/4" (45 mm)
Base Diameter: 3/4" (19 mm)
Materials: Brass, bronze
Finishes: US3, US26D
Fasteners: #10 x 1” wood thread
Notes: Concealed mounting
TRIM & AUXILIARY

**22N**
Edge Pull for Sliding Doors
Certification: Meets ANSI A156.14 for D2801
Size: 31/32” x 4-1/4” x 3/8” thick (25 mm x 108 mm x 9.5 mm)
Lever Extension: 2-19/32” (66 mm)
Materials: Brass
Finishes: US3, US26D
Fasteners: Two (2) #6 x 3/4” FPHWS

**330D**
Pocket Door Latch
Certification: Meets ANSI A156.14 for D0821
Size: 2-3/4” x 2-1/2” (70 mm x 64 mm)
Extension of Finger Piece: 1-3/8” (35 mm)
Materials: Brass
Fasteners: Two (2) #6 x 5/8” OPHWS
Notes: For use with 1-3/8” - 1-3/4” (35 mm - 45 mm) door

**330L**
Pocket Door Privacy Latch
Certifications: Meets ANSI A156.14 for D0831
Size: 2-3/4” x 2-1/2” (70 mm x 64 mm)
Extension of Finger Piece: 1-3/8” (35 mm)
Strike Size: 1” x 2-1/4” (25 mm x 57 mm)
Materials: Brass
Fasteners: Two (2) #6 x 5/8” OPHWS and two (2) #6 x 3/4” FPHWS
Notes: For use with 1-3/8” (35 mm) door

**330M**
Pocket Door Privacy Latch
Certifications: Meets ANSI A156.14 for D0831
Size: 2-3/4” x 2-1/2” (70 mm x 64 mm)
Extension of Finger Piece: 1-3/8” (35 mm)
Strike Size: 1” x 2-1/4” (25 mm x 57 mm)
Materials: Brass
Fasteners: Two (2) #6 x 5/8” OPHWS and two (2) #6 x 3/4” FPHWS
Notes: For use with 1-3/4” (45 mm) door

**2610**
Flush Cup Finger Pull
Overall Diameter: 31/32” (24.5 mm)
Finger Pull Diameter: 3/4” (19 mm)
Pull Clearance: 5/16” (8 mm)
Projection: 1/32” (.8 mm)
Materials: Solid brass
Notes: • For use on bi-fold, by-pass or pocket applications
      • Built-in prong design eliminates the need for screws or brads
2620
**Flush Cup Pull**
- Overall Diameter: 2-1/16" (52 mm)
- Finger Pull Diameter: 1-11/16" (43 mm)
- Pull Clearance: 11/32" (8.7 mm)
- Projection: 5/64" (2 mm)
- Materials: Solid brass
- Notes:
  - For use on bi-fold, by-pass or pocket applications
  - Built-in prong design eliminates the need for screws or brads

2630
**Flush Cup Pull**
- Overall Diameter: 2-7/16" (62 mm)
- Finger Pull Diameter: 2-1/16" (52 mm)
- Pull Clearance: 11/32" (8.7 mm)
- Projection: 3/32" (2.4 mm)
- Materials: Solid brass
- Notes:
  - For use on bi-fold, by-pass or pocket applications
  - Built-in prong design eliminates the need for screws or brads

2640
**Oblong Flush Pull**
- Size: 1-5/16" x 2-3/4" (33 mm x 70 mm)
- Cup Clearance: 5/16" (8 mm)
- Materials: Solid brass
- Fasteners: Two (2) #6 x 5/8" OPHWS
- Notes: For use on bi-fold, by-pass or pocket applications

9558
**Wood Knob**
- Diameter: 1-1/2" (38 mm)
- Materials: Solid wood
- Notes:
  - For use on bi-fold applications
  - Will accept paint or stain

9566
**Knob**
- Diameter: 1-1/4" (32 mm)
- Projection: 1" (25 mm)
- Materials: Die Cast Zinc
- Fasteners: One (1) 8-32 x 1-3/4" PPHMS and one (1) 8-32 x 2" PPHMS
- Notes: For use on bi-fold applications on doors 3/4" (19 mm) to 1-3/8" (35 mm) thick
## TRIM & AUXILIARY

### 9567 Rose
- **Base Diameter:** 1-3/4” (45 mm)
- **Projection:** 15/32” (12 mm)
- **Materials:** Die cast zinc
- **Fasteners:** One (1) 8-32 x 1-3/4” PPHMS and one (1) 8-32 x 2” PPHMS
- **Notes:**
  - For use on bi-fold applications on doors 3/4” (19 mm) to 1-3/8” (35 mm) thick
  - For use with 9566 knob

### 9865 Flush Cup Pull
- **Overall Diameter:** 1-31/32” (50 mm)
- **Finger Pull Diameter:** 1-19/32” (40 mm)
- **Pull Clearance:** 11/32” (8.7 mm)
- **Projection:** 5/64” (2 mm)
- **Materials:** Tan color ABS plastic
- **Notes:**
  - For use on bi-fold, by-pass or pocket applications
  - Built-in prong design eliminates the need for screws or brads

### 9882 Pocket Door Edge Pull
- **Face Plate Size:** 3/4” x 3 - 7/8” (19 mm x 98 mm)
- **Finger Pull Extends:** 3/4” (19 mm)
- **Materials:** Solid brass
- **Fasteners:** Two (2) #6 x 5/8” FPHWS
- **Notes:**
  - Ideal for narrow and standard door thicknesses
  - Automatic spring return

### 9884 Pocket Door Edge Pull
- **Faceplate:** 21/32” x 3-1/2” (16.5 mm x 89 mm)
- **Finger Pull Extends:** 1-1/16” (27 mm)
- **Materials:** Die cast zinc
- **Finishes:** US3
- **Fasteners:** Two (2) #6 x 5/8” FPHWS
- **Notes:** Ideal for narrow and standard door thicknesses
<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Size</th>
<th>Thickness</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>336A</td>
<td>Door Edge Filler Plate - 161 Prep</td>
<td>1-1/8&quot; x 2-1/4&quot; (29 mm x 57 mm)</td>
<td>0.125&quot; (3.2 mm)</td>
<td></td>
</tr>
<tr>
<td>336B</td>
<td>Door Edge Filler Plate - 86 Prep</td>
<td>1-1/4&quot; x 8&quot; (32 mm x 203 mm)</td>
<td>0.180&quot; (4.5 mm)</td>
<td></td>
</tr>
<tr>
<td>336C</td>
<td>Door Face Filler Plate - Deadbolt</td>
<td>1-3/4&quot; (45 mm) diameter</td>
<td>0.055&quot; (1.4 mm)</td>
<td></td>
</tr>
<tr>
<td>336D</td>
<td>Door Face Filler Plate - 161 Prep</td>
<td>2-5/8&quot; (67 mm) diameter</td>
<td>0.055&quot; (1.4 mm)</td>
<td></td>
</tr>
<tr>
<td>336E</td>
<td>Door Edge Filler Plate - Square</td>
<td>1-3/4&quot; x 4-1/2&quot; (45 mm x 114 mm)</td>
<td>0.134&quot; (3.4 mm)</td>
<td></td>
</tr>
<tr>
<td>336F</td>
<td>Door Edge Filler Plate - Bevel</td>
<td>1-1/2&quot; x 4-1/2&quot; (38 mm x 114 mm)</td>
<td>0.134&quot; (3.4 mm)</td>
<td>For handed doors</td>
</tr>
</tbody>
</table>
TRIM & AUXILIARY

336M
Hinge Filler Plate - Frame
Size: 1-5/8” x 5”
(41 mm x 127 mm)
Thickness: 0.134” (3.4 mm)
Materials: Primed steel

336N
Latch Adapter Filler Plate - 86 to 161 Edge Prep
Size: 1-1/4” x 8”
(32 mm x 203 mm)
Thickness: 0.238” (6 mm)
Materials: Primed steel

336P
Deadlock Strike Filler Plate - Frame
Size: 1-1/8” x 2-3/4”
(29 mm x 70 mm)
Thickness: 0.083” (2.1 mm)
Materials: Primed steel

336Q
ASA Strike Filler Plate - Frame
Size: 1-1/4” x 4-7/8”
(32 mm x 124 mm)
Thickness: 0.093” (2.4 mm)
Materials: Primed steel

336R
Cylindrical Lock Strike Filler Plate - Frame
Size: 1-1/8” x 2-3/4”
(29 mm x 70 mm)
Thickness: 0.083” (2.1 mm)
Materials: Primed steel

337A
Template Hinge Shim
Size: 1-7/16” x 4-1/2”
(37 mm x 114 mm)
Thickness: 0.028” (0.7 mm)
Materials: Primed steel

337B
Template Hinge Shim
Size: 1-7/16” x 4-1/2”
(37 mm x 114 mm)
Thickness: 0.065” (1.7 mm)
Materials: Primed steel

337C
Template Hinge Shim
Size: 1-7/16” x 5”
(37 mm x 127 mm)
Thickness: 0.028” (0.7 mm)
Materials: Primed steel

337D
Template Hinge Shim
Size: 1-7/16” x 5”
(37 mm x 127 mm)
Thickness: 0.065” (1.7 mm)
Materials: Primed steel
350H | 350L
Engraved Plastic Sign - Push (350H) and Pull (350L)
Certifications: Meets ANSI A156.16 L03201
Materials: 0.125” (3.2 mm) thick plastic
Lettering: 3/4” (19 mm) Helvetica
Size: 2” x 4” (51 mm x 102 mm)
Fasteners: Double sided pressure sensitive tape or screws (specify)
Colors: • Brown (W1) with white lettering
• Black (W2) with white lettering
• Blue (W3) with white lettering
• Silver (B1) with black lettering
• Gold (B2) with black lettering
Notes: Signs are individually packed in a poly bag

350M | 350W
Engraved Plastic Sign - Men (350M) and Women (350W)
Certifications: Meets ANSI A156.16 L03201
Materials: 0.125” (3.2 mm) thick plastic
Lettering: 3/4” (19 mm) Helvetica
Size: 2” x 5” (51 mm x 127 mm)
Fasteners: Double sided pressure sensitive tape or screws (specify)
Colors: • Brown (W1) with white lettering
• Black (W2) with white lettering
• Blue (W3) with white lettering
• Silver (B1) with black lettering
• Gold (B2) with black lettering
Notes: Signs are individually packed in a poly bag

350R
Engraved Plastic Sign - Number
Certifications: Meets ANSI A156.16 L03201
Materials: 0.125” (3.2 mm) thick plastic
Lettering: 3/4” (19 mm) Helvetica
Size: 2” x 4” (51 mm x 102 mm)
Fasteners: Double sided pressure sensitive tape or screws (specify)
Colors: • Brown (W1) with white lettering
• Black (W2) with white lettering
• Blue (W3) with white lettering
• Silver (B1) with black lettering
• Gold (B2) with black lettering
Notes: Signs are individually packed in a poly bag

351H | 351L
Engraved Plastic Sign - Push (351H) and Pull (351L)
Certifications: Meets ANSI A156.16 L03201
Materials: 0.125” (3.2 mm) thick plastic
Lettering: 3/4” (19 mm) Helvetica
Size: 1” x 4-1/2” (25 mm x 114 mm)
Fasteners: Double sided pressure sensitive tape or screws (specify)
Colors: • Brown (W1) with white lettering
• Black (W2) with white lettering
• Blue (W3) with white lettering
• Silver (B1) with black lettering
• Gold (B2) with black lettering
Notes: Signs are individually packed in a poly bag
TRIM & AUXILIARY

352M | 352W
Engraved Plastic Sign - Men (352M) and Women (352W)
Certifications: Meets ANSI A156.16 L03201
Materials: 0.125” (3.2 mm) thick plastic
Lettering: 3/4” (19 mm) Helvetica
Size: 352M - 2-1/2” x 6” (64 mm x 152 mm)
352W - 2-1/2” x 7” (64 mm x 178 mm)
Fasteners: Double sided pressure sensitive tape or screws (specify)
Colors: • Brown (W1) with white lettering
• Black (W2) with white lettering
• Blue (W3) with white lettering
• Silver (B1) with black lettering
• Gold (B2) with black lettering
Notes: Signs are individually packed in a poly bag

354A | 354B
Engraved Plastic Sign - Restroom(s)
Certifications: Meets ANSI A156.16 L03201
Materials: 0.125” (3.2 mm) thick plastic
Lettering: 3/4” (19 mm) Helvetica
Size: 2” x 6” (51 mm x 127 mm)
Fasteners: Double sided pressure sensitive tape or screws (specify)
Colors: • Black (W2) with white lettering
• Blue (W3) with white lettering
Notes: Signs are individually packed in a poly bag

360M | 360W
Engraved Metal Sign - Men (360M) and Women (360W)
Certifications: Meets ANSI A156.16 L03201
Materials: 0.050” (1.3 mm) thick metal
Lettering: 3/4” (19 mm) Helvetica black filled
Size: 2” x 6” (51 mm x 152 mm)
Fasteners: Double sided pressure sensitive tape or screws (specify)
Notes: Signs are individually packed in a poly bag

361H | 361L
Engraved Metal Sign - Push (361H) and Pull (361L)
Certifications: Meets ANSI A156.16 L03201
Materials: 0.050” (1.3 mm) thick metal
Lettering: 3/4” (19 mm) Helvetica black filled
Size: 2” x 4” (51 mm x 102 mm)
Fasteners: Double sided pressure sensitive tape or screws (specify)
Notes: Signs are individually packed in a poly bag
362H | 362L
Engraved Metal Sign - Push (362H) and Pull (362L)
Certifications: Meets ANSI A156.16 L03201
Materials: 0.050” (1.3 mm) thick metal
Lettering: 3/4” (19 mm) Helvetica black filled
Size: 1” x 4-1/2” (25 mm x 114 mm)
Fasteners: Double sided pressure sensitive tape standard or screws (specify)
Notes: Signs are individually packed in a poly bag

364L
Plastic International Handicap Symbol Sign
Certifications: Meets ANSI A156.16 L03201
Materials: 0.125” (3.2 mm) thick plastic 1/32” (0.8 mm) raised HANDICAP symbol
Size: 6” x 6” (152 mm x 152 mm)
Fasteners: Double sided pressure sensitive tape standard or screws (specify)
Colors: • Brown (W4) with raised white symbol
      • Black (W2) with raised white symbol
      • Blue (W3) with raised white symbol
Notes: Signs are individually packed in a poly bag

364M | 364S
Plastic International Handicap Symbol Sign
Certifications: Meets ANSI A156.16 L03201
Materials: 0.0625” (1.6 mm) thick plastic raised HANDICAP symbol
Size: 364M - 4” x 4” (102 mm x 102 mm)
      364S - 3” x 3” (76 mm x 76 mm)
Fasteners: Double sided pressure sensitive tape standard or screws (specify)
Colors: Blue (W3) with raised white symbol
Notes: Signs are individually packed in a poly bag

364N
Engraved International No Smoking Symbol Sign
Certifications: Meets ANSI A156.16 L03201
Materials: 0.125” (3.2 mm) thick plastic
Size: 6” x 6” (152 mm x 152 mm)
Fasteners: Pressure sensitive tape standard or screws (specify)
Colors: Red (W4) with raised white symbol
Notes: Signs are individually packed in a poly bag

365M | 365W
ADA Tactile Sign - Men (365M) and Women (365W)
Certifications: Meets ANSI A156.16 L03201
Materials: 0.125” (3.2 mm) thick plastic
Size: 6” x 8” (152 mm x 203 mm)
Fasteners: Double sided pressure sensitive tape
Colors: • Brown (W1) with raised white symbol
      • Black (W2) with raised white symbol
      • Blue (W3) with raised white symbol
Notes: • Signs are individually packed in a poly bag
      • Grade 2 Braille Translation conforming to section 4.30 requirements
366R
ADA Tactile Sign - Room Number
Certifications: Meets ANSI A156.16 L03201
Materials: 0.125” (3.2 mm) thick plastic
Size: 2-1/2” x 5” (64 mm x 127 mm)
Fasteners: Double sided pressure sensitive tape
Colors: • Brown (W1) with raised white lettering
        • Black (W2) with raised white lettering
        • Blue (W3) with raised white lettering
Notes: • Signs are individually packed in a poly bag
        • Grade 2 Braille Translation conforming to section 4.30 requirements

366S
ADA Tactile Sign - Stairs
Certifications: Meets ANSI A156.16 L03201
Materials: 0.125” (3.2 mm) thick plastic
Size: 6” x 8” (152 mm x 203 mm)
Fasteners: Double sided pressure sensitive tape
Colors: • Brown (1) with white symbol and lettering
        • Black (2) with white symbol and lettering
        • Blue (3) with white symbol and lettering
Notes: • Signs are individually packed in a poly bag
        • Grade 2 Braille Translation conforming to section 4.30 requirements

368E
ADA Tactile Sign - Exit
Certifications: Meets ANSI A156.16 L03201
Materials: 0.125” (3.2 mm) thick plastic
Size: 6” x 8” (152 mm x 203 mm)
Fasteners: Double sided pressure sensitive tape
Colors: • Brown (1) with white symbol and lettering
        • Black (2) with white symbol and lettering
        • Blue (3) with white symbol and lettering
Notes: • Signs are individually packed in a poly bag
        • Grade 2 Braille Translation conforming to section 4.30 requirements

368M | 368W
ADA Tactile Sign - Men (365M) and Women (365W) with Handicap
Certifications: Meets ANSI A156.16 L03201
Materials: 0.125” (3.2 mm) thick plastic
Size: 6” x 8” (152 mm x 203 mm)
Fasteners: Double sided pressure sensitive tape
Colors: • Brown (1) with white symbol and lettering
        • Black (2) with white symbol and lettering
        • Blue (3) with white symbol and lettering
Notes: • Signs are individually packed in a poly bag
        • Grade 2 Braille Translation conforming to section 4.30 requirements
368U
ADA Tactile Sign - Unisex
Certifications: Meets ANSI A156.16 L03201
Materials: 0.125” (3.2 mm) thick plastic
Size: 8” x 8” (203 mm x 203 mm)
Fasteners: Double sided pressure sensitive tape
Colors:
- Brown (1) with white symbol and lettering
- Black (2) with white symbol and lettering
- Blue (3) with white symbol and lettering
Notes:
- Signs are individually packed in a poly bag
- Grade 2 Braille Translation conforming to section 4.30 requirements

369L | 369R
ADA Tactile Sign - Access Left (369L) and Access Right (369R)
Certifications: Meets ANSI A156.16 L03201
Materials: 0.125” (3.2 mm) thick plastic
Size: 6” x 8” (152 mm x 203 mm)
Fasteners: Double sided pressure sensitive tape
Colors:
- Brown (1) with white symbol and lettering
- Black (2) with white symbol and lettering
- Blue (3) with white symbol and lettering
Notes:
- Signs are individually packed in a poly bag
- Grade 2 Braille Translation conforming to section 4.30 requirements

370M | 370U | 370W
ADA Tactile Sign - Restroom, Men, and Women
Certifications: Meets ANSI A156.16 L03201
Materials: 9/16” (14.3 mm) plastic
Size:
- 370U - 12” (305 mm) diameter
- 370W - 12” (305 mm) diameter
- 370M - 10-1/2” (267 mm) side
Fasteners: Double sided pressure sensitive tape
Color: Blue (3) with white raised symbol and lettering
Notes:
- Signs are individually packed in a poly bag
- Grade 2 Braille Translation conforming to section 4.30 requirements
TRIM & AUXILIARY

274B  
Door Guard Protection Plate
Size: 1-1/8” x 1” x 1/2” (28.5 mm x 25 mm x 12.5 mm)  
Materials: Brass  
Notes: • Used when additional protective plate is required for frame application  
• Mounted with double-sided tape  
• To be used with the 274D

274C  
Shim for Door Guard
Size: 1-1/8” x 1-1/16” (29 mm x 27 mm)  
Thickness: 3/32” (2.3 mm)  
Materials: Black rubber  
Notes: To be used with the 274D

274D  
Door Guard
Certifications: Meets ANSI A156.16 for L13041  
Arm Length: 4-1/2” (114 mm)  
Materials: Brass  
Fasteners: Three (3) #6 x 1-1/2” OPHWS, three (3) #6 x 3/4” OPHWS, and three (3) 6-32 x 3/4” FPHMS  
Notes: • Permits door to be slightly opened to allow viewing  
• Hinged bar allows the door guard to be positioned 180 degrees away from the door when not in use  
• Includes door guard protective plate 274B

300D  
Chain Door Check
Certifications: Meets ANSI A156.16 for L02231  
Lengths: • 25-1/2” (648 mm) recommended for use with 36” (914 mm) wide door  
• 30-1/2” (775 mm) recommended for use with 42” (1067 mm) wide door  
Base Plate: 1-1/2” x 1-1/2” (38 mm x 38 mm)  
Materials: Cast brass base with welded steel chain  
Finish: US26D  
Fasteners: Ten (10) #8 x 1” FPHSMS  
Notes: • Tear resistant grey vinyl cover  
• Can be ordered through door mounting with grommet nut sets at extra charge  
• 440 pound load strength  
• Designed for full size exterior doors
301D
Heavy Duty Hinge Pin Stop
Certifications: Meets ANSI A156.16 for L02223
Materials: Wrought steel with rubber bumpers
Finishes: US3, US26D
Notes: • Works with 1/4” (6 mm) and 5/16” (8 mm) hinge pins
• For use where standard door stops are not desirable
• Positive slip proof design
• Adjustable from 70 degrees to 100 degrees
• Must purchase an NRP hinge for use with this pin stop

303W
Handrail Bracket
Certifications: Meets ANSI A156.16 for L03061
Base Diameter: 3-5/32” (80 mm)
Base to Center of Rail: 2-3/4” (70 mm)
Materials: Brass
Fasteners: Three (3) #10 x 1-1/4” FPHWS, three (3) plastic anchors, three (3) 10-24 x 13/16” FPHMS, and three (3) 10-24 lead anchors

305D
Wire Pull
Certifications: Meets ANSI A156.9 for B02011
Diameter of Rod: 5/16” (7.9 mm)
Projection: 1-9/32” (32.5 mm)
CTC Lengths: 3” (76 mm), 3-1/2” (89 mm), 4” (102 mm)
Materials: Brass
Fasteners: Two (2) 8-32 x 1” TPHMS

307D
Door Silencer
Certifications: Meets ANSI A156.16 for L03011
Diameter: 1/2” (13 mm)
Projection: 1/8” (3 mm)
Materials: Rubber
Notes: • For use with metal frames
• Proper installation eliminates door rattle and provides constant tension for door latches or locks

308D
Door Silencer
Certifications: Meets ANSI A156.16 for L0302
Projection: 9/64” (3.5 mm)
Base: 3/8” x 3/4” (9.5 mm x 19 mm)
Length: 3/4” (19 mm)
Materials: Rubber
Notes: • For use with wood frames
• Eliminates door rattle when door is latched
• Proper installation eliminates door rattle and provides constant tension for door latches or locks
**TRIM & AUXILIARY**

### 310C
**Conversion Kit**
- **Filler Plate:** 1-1/8” x 3-3/8” (29 mm x 86 mm)
- **Strike:** 1-11/16” x 2-1/4” (43 mm x 57 mm)
- **Materials:** Brass
- **Finishes:** US10B, US26D
- **Notes:**
  - Packed with filler plate, strike and fasteners
  - Change door from Roller Latch to Push/Pull Latch

### 322V
**Wrought Door Knocker with Viewer**
- **Certifications:** Meets ANSI A156.16 for L03161
- **Size:** 2-3/16” x 3-1/4” (56 mm x 83 mm)
- **Materials:** Brass
- **Finishes:** US3, US4, US10, US26D
- **Fasteners:** Three (3) #6 x 3/4” TPHSMS
- **Notes:** Requires 1/2” (13 mm) hole for viewer

### 1755
**160° Door Viewer**
- **Certifications:** Meets ANSI A156.16 for L03222
- **Materials:** Brass
- **Notes:**
  - For doors up to 2-1/8” (54 mm) thick, adjustable
  - Requires 1/2” (13 mm) hole for viewer
  - Tamper resistant
  - 90 minute fire rated
  - One way viewer

### 1756
**200° Door Viewer**
- **Certifications:** Meets ANSI A156.16 for L03221
- **Materials:** Brass
- **Notes:**
  - For doors up to 2-1/8” (54 mm) thick, adjustable
  - Requires 9/16” (14 mm) hole for viewer
  - Tamper resistant
  - 90 minute fire rated
  - One way viewer
208
Kick Down Door Stop
Base: 1-5/8" x 1-7/8" (41 mm x 48 mm)
Arm: 3-7/8" (98 mm)
Materials: Aluminum alloy
Fasteners: Three (3) #6 x 3/4” FPHWS
Notes: • Polybag (1 each) with screws
• Provides simple hold and release with a touch of the foot
• 3” (76 mm) max door to floor clearance

209
Floor Door Stop
Height: 1-1/4” (32 mm)
Base Diameter: 1-3/32” (28 mm)
Tip Diameter: 19/32” (15 mm)
Materials: Zinc alloy
Fasteners: One (1) #8 x 2” FPHWS
Notes: • Non-marking white tip
• 3/8” (9.5 mm) max door to floor clearance

BL6209
Floor Door Stop
Height: 1-3/8” (35 mm)
Base Diameter: 13/16” (21 mm)
Tip Diameter: 1/2” (13 mm)
Materials: Zinc alloy
Fasteners: #8 x 11/32” thread
Notes: • Non-marking white tip
• 150 per case
• 1/2” (13 mm) max door to floor clearance
• Hex shape near the base allows usage of a wrench for easier installation

210
Rigid Door Stop
Projection: 3” (76 mm)
Tip Diameter: 11/16” (17.5 mm)
Base Diameter: 1” (25 mm)
Materials: Zinc alloy
Fasteners: #8 x 5/8” thread
Notes: Bumper made of rubber
TRIM & AUXILIARY

211
Flexible Door Stop
Projection: 3-1/8” (79 mm)
Tip Diameter: 9/16” (14 mm)
Base Diameter: 1” (25 mm)
Materials: Zinc alloy base
Fasteners: One (1) #8 x 3/4” PPHWS
Notes:
• Bumper made of rubber
• Flexible spring

BL6211
Flexible Door Stop
Projection: 3” (76 mm)
Tip Diameter: 7/16” (11 mm)
Base Diameter: 3/4” (19 mm)
Materials: Zinc alloy base
Fastener: #8 x 11/32” thread
Notes:
• Bumper made of rubber
• Flexible spring

212
Hinge Pin Door Bumper
Materials: Zinc alloy base
Notes:
• Non-marking white plastic tip
• For use with residential hinges
• For use where standard door stops are not desirable
• For use with narrow trim
• Adjustable from 80 degrees to 120 degrees

BL6212
Hinge Pin Door Bumper
Materials: Zinc alloy base
Notes:
• Non-marking white plastic tip
• For use with residential hinges
• For use where standard door stops are not desirable
• For use with narrow trim
• Adjustable from 80 degrees to 120 degrees

1412
Door Guard
Arm Length: 4” (102 mm)
Materials: Zinc alloy base
Fasteners: Seven (7) #6 x 3/4” FPHWS
Notes:
• Provides extra security from inside door
• Limits door opening when latch is thrown
• Polybag (1 each) with screws
**1413**
**Flush Bolt**
- Faceplate: 3/4” x 6” (19 mm x 181 mm)
- Strike: 7/8” x 1-3/4” (22 mm x 45 mm)
- Bolt Diameter: 1/2” (13 mm)
- Bolt Throw: 15/16” (24 mm)
- Bolt Backset: 7/16” (11 mm)
- Materials: Brass faceplate with steel components
- Fasteners: Four (4) #6 x 3/4” FPHWS
- Notes: Polybag (1 each) with strikeplate and screws
  - Square corners

**1414**
**Flush Bolt**
- Faceplate: 3/4” x 6” (19 mm x 181 mm)
- Strike: 7/8” x 1-3/4” (22 mm x 45 mm)
- Bolt Diameter: 1/2” (12.7 mm)
- Bolt Throw: 15/16” (24 mm)
- Bolt Backset: 7/16” (11 mm)
- Materials: Brass faceplate with steel components
- Fasteners: Four (4) #6 x 3/4” FPHWS
- Notes: Polybag (1 each) with strikeplate and screws
  - Rounded corners

**1415**
**Strike Plate**
- Size: 7/8” x 1-3/4” (22 mm x 45 mm)
- Fasteners: Two (2) #6 x 3/4” FPHWS
- Notes: For use with 1413 and 1414 Flush Bolts
  - Packed (1 each) with Polybag and screws

**1416**
**Single Route Flush Bolt**
- Faceplate: 3/4” x 7-1/8” (19 mm x 181 mm)
- Strike: 21/32” x 1-1/2” (17 mm x 38 mm)
- Bolt Diameter: 5/16” (8 mm)
- Bolt Throw: 7/8” (22 mm)
- Bolt Backset: 3/8” (9.5 mm)
- Materials: Brass faceplate with steel components
- Fasteners: Two (2) #8 x 1-1/2” FPHWS and two (2) #6 x 3/4” FPHWS
- Notes: Polybag (1 each) with strikeplate and screws
  - Rounded corners
  - Single route for quick and simple door prep
### TRIM & AUXILIARY

#### 1418
**Flush Bolt with Extension Rod**
- **Faceplate:** 23/32” x 7-3/8” (18 mm x 187 mm)
- **Strike:** 5/8” x 1-1/2” (16 mm x 38 mm)
- **Bolt Diameter:** 5/16” (8 mm)
- **Bolt Throw:** 3/4” (19 mm)
- **Bolt Backset:** 3/8” (9.5 mm)
- **Extension Rod Length:** 16” (406 mm)
- **Materials:** Brass faceplate with steel components
- **Fasteners:** Two (2) #8 x 1-1/2” FPHWS and two (2) #6 x 3/4” FPHWS
- **Notes:**
  - Polybag (1 each) with strikeplate and screws
  - Rounded corners
  - Single route for quick and simple door prep

#### 1419
**Flush Bolt with Extension Rod**
- **Faceplate:** 3/4” x 7-1/8” (19 mm x 181 mm)
- **Strike:** 5/8” x 1-1/2” (16 mm x 38 mm)
- **Bolt Diameter:** 5/16” (8 mm)
- **Bolt throw:** 3/4” (19 mm)
- **Bolt Backset:** 5/16” (8 mm)
- **Materials:** Brass faceplate with steel components
- **Fasteners:** Two (2) #8 x 1-1/2” FPHWS and two (2) #6 x 3/4” FPHWS
- **Notes:** Single route for quick and simple door prep

#### 1439 | BL6439
**Magnetic Catch - Light Weight**
- **Catch:** 1-1/16” x 2” (27 mm x 51 mm)
- **Strike:** 7/8” x 1” (22 mm x 25 mm)
- **Materials:** Tan plastic case
- **Fasteners:** Two (2) #6 x 1/2” TPHWS and one (1) #4 x 1/2” FPHWS
- **Notes:**
  - Polybag (1 each) with screws
  - Double sided magnet, self-aligning, 6 lb. pull
  - Self aligning magnet insures maximum pull
  - BL6439 is Builder’s Pack Polybag (1 each) with screws

#### 1445
**Roller Latch**
- **Hole Diameter:** 13/16” (21 mm)
- **Hole Depth:** 1-1/8” (29 mm)
- **Materials:** Zinc alloy base
- **Fasteners:** Two (2) #4 x 3/4” FPHWS
- **Notes:**
  - Polybag (1 each) with screws
  - Designed for use on cabinets and lightweight doors
  - Not intended for heavy weight applications
**1446 Light Weight Ball Catch**

- **Faceplate:** 1” x 2-1/4” (25 mm x 57 mm)
- **Strike:** 1-3/8” x 2-1/4” (35 mm x 57 mm)
- **Hole Diameter:** 1” (25 mm)
- **Hole Depth:** 1-1/4” (32 mm)
- **Materials:** Zinc
- **Fasteners:** Four (4) #6 FPHWS
- **Notes:**
  - Designed for use on cabinets and light weight doors
  - Not intended for heavy weight applications
  - Ball adjusts in and out for various door and frame clearances
  - Polybag (1 each) with steel screws

**1447 Light Weight Ball Catch**

- **Strike:** 1-3/8” x 2-1/4” (35 mm x 57 mm)
- **Faceplate:** 1” (25 mm) diameter
- **Hole Diameter:** 15/16” (24 mm)
- **Hole Depth:** 1-1/4” (32 mm)
- **Materials:** Zinc
- **Fasteners:** Two (2) #6 FPHWS
- **Notes:**
  - Designed for use on cabinets and light weight doors
  - Not intended for heavy weight applications
  - Ball adjusts in and out for various door and frame clearances
  - Polybag (1 each) with steel screws

**1448 Strike Plate**

- **Size:** 1-3/8” x 2-1/4” (35 mm x 57 mm)
- **Fasteners:** Two (2) #6 FPHWS
- **Notes:** For use with 1446 and 1447 ball catches

**1449 Drive In Ball Catch**

- **Faceplate:** 1” (25 mm) diameter
- **Hole Diameter:** 15/16” (24 mm)
- **Hole Depth:** 1-1/4” (32 mm)
- **Materials:** Zinc
- **Finishes:** US4
- **Packaging:** 100 per box
- **Notes:**
  - Ball catch designed for use on cabinets and light weight doors
  - Not intended for heavyweight applications
  - Ball adjusts in and out for various door and frame clearances
TRIM & AUXILIARY

**BL6793**
**Pole Sockets**
Outside Diameter: 2-7/16” (62 mm)
Materials: Steel
Notes:
- For poles up to 1-3/8” (35 mm) diameter
- Flange design prevents accidental knock out of pole
- Polybag (2 each) with screws

**BL6794**
**Pole Sockets**
Outside Diameter: 2-3/16” (56 mm)
Materials: Plastic
Notes:
- For poles up to 1-3/8” (35 mm) diameter
- Polybag (2 each) with screws

**1795**
**Closet Rod**
Pole Diameter: 1” (25 mm)
Materials: Steel with bright zinc finish
Finishes: White enamel
Notes:
- Quick mount end
- High strength lock seam tubing
- Polybag (1 each) with screws

**1797**
**Shelf Bracket**
Materials: Steel ANSI B04051
Finishes: White Enamel
Fasteners: Two (2) #8 x 3/4” PPH tapping screws and two (2) #10 x 1-1/2” PPH tapping screws
Notes:
- For shelf and rod support
- Double welded heavy gauge steel construction embossed for added strength
- Holds 1-3/8” (35 mm) diameter rod
- Supports 12” (305 mm) shelf
- Bulk with screws
### 1798 Shelf Bracket
- **Materials:** Steel ANSI B04051
- **Finishes:** White Enamel
- **Notes:**
  - For shelf and rod support
  - Heavy gauge steel construction embossed for added strength
  - Holds 1-3/8” (35 mm) diameter rod
  - Supports 12” (305 mm) shelf
  - Bulk with screws

### 1799 Shelf Bracket - Adjustable
- **Materials:** Steel ANSI B04051
- **Finishes:** White Enamel
- **Fasteners:** Two (2) #8 x 3/4” PPH tapping screws and two (2) #10 x 1-1/2” PPH tapping screws
- **Notes:**
  - Adjustable shelf and rod support
  - Heavy gauge steel construction embossed for added strength
  - Holds 1-3/8” (35 mm) diameter rod
  - Supports 12” (305 mm) shelf
  - 3/4” (19 mm) adjustability
  - Bulk with screws

### 1801 Shelf Bracket
- **Materials:** Steel ANSI B04051
- **Finishes:** White enamel
- **Fasteners:** Two (2) #8 x 3/4” PPH tapping screws and two (2) #10 x 1-1/2” PPH tapping screws
- **Notes:**
  - Less rod support
  - Heavy gauge steel construction embossed for added strength
  - Supports 12” (305 mm) shelf
  - Bulk with screws

### 6601 Handrail Bracket
- **Projection:** 3-1/4” (82.5 mm)
- **Base to Center of Rail:** 2-3/4” (70 mm)
- **Materials:** Cast aluminum
- **Fasteners:** Three (3) #8 x 1-1/2” OPHWS and two (2) #8 x 3/4” OPHWS
- **Notes:** Polybag (1 each) with wood screws and rail bracket
BL6610
Coat and Hat Hook

Upper Projection: 2-13/16” (71 mm)
Lower Projection: 1-5/16” (33 mm)
Material: Cast steel
Fasteners: Two (2) #6 x 3/4” FPHWS
Notes: • Polybag (1 each) with screws
       • Builder’s pack