



### 8311 Pull plate

Available mounting – Standard or F see page B15

**8300 Plate**  
 3-1/2" x 15"  
 4" x 16"  
 6" x 16"

**8111-5 Pull**  
 5-1/8" centers

#### Finishes brass

US Number	US3	US4	US10	US10B	US26	US26D*
BHMA	605	606	612	613	625	626

#### Finishes stainless steel

US Number	US32D*
BHMA	630

#### Finishes aluminum

US Number	US28
BHMA	628

\* Available with Antimicrobial Coating, use suffix AM

### 9100 Series Door Push Bars and Pulls

- Available in brass, stainless steel or aluminum.
- Standard fasteners furnished for 1-3/4" thick doors. Specify door thick if other than standard.
- Special lengths are available, contact customer service.

See page B17 for special mounting requirements.

Caution – the length of the pushbar should not interfere with the door jamb or cause a pinch point.

### 9100 Push Bar

Available mounting – NO or NS see page B17



Product No.	Projection	Clearance	Center to Center	Overall Length
9100-28	2-1/2"	1-1/2"	28"	29"
9100-33	2-1/2"	1-1/2"	33"	34"

Special lengths available, consult factory

#### Finishes brass

US Number	US3	US4	US10	US10B	US15	US26	US26D*
BHMA	605	606	612	613	619	625	626

#### Finishes stainless steel

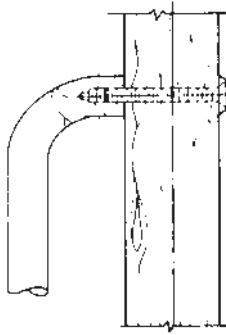
US Number	US32	US32D*
BHMA	629	630

\* Available with Antimicrobial Coating, use suffix AM

## Mounting

- All mounting hardware is for standard 1-3/4" door.
- Consult Customer Service if other than standard.

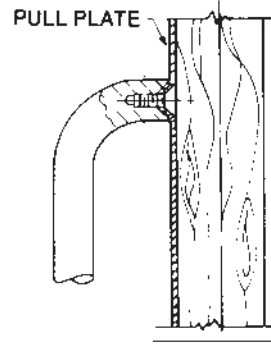
### Standard Mount



#### Standard Mounting

- (2) 1/4-20 x 2-1/4" brass, oval head machine screws; plated to match.
- (2) No. 14 countersunk washers; plated to match

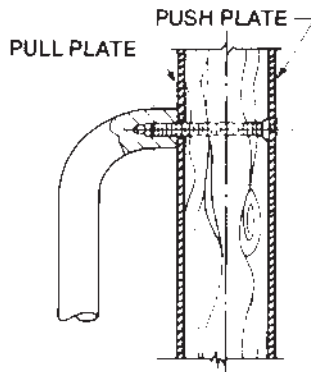
### Type G Mount



#### Concealed Pull Plate Mounting

- Available only for 8302, 8303, 8311 Pull Plates.
- (2) 1/4-20 x 5/8" steel flat head machine screws; zinc plated.
- Pull mounts directly onto plate.
- Plate is attached to door by 6 screws.

### Type F Mount

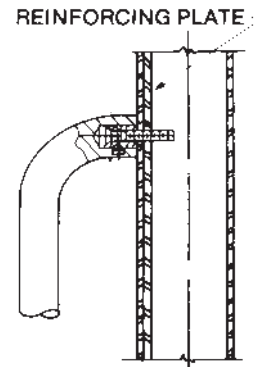


#### Wood Doors Concealed Pull Mounting With Push Plate

- (2) 1/4-20 x 2-1/4" steel flat head machine screws; zinc plated.

Available only for 8102, 8103, 8105, 8111, 8302, 8303, 8305 and 8311. Plate on opposite side of door must be ordered separately.

### Type H-I-L Mount



#### Reinforced Hollow Metal Door Concealed Pull Mounting

- Available only for 8102 8103, 8103EZ or wood door Pulls and 8302, 8303 pull plates.
- (2) Steel screw sleeves; zinc plated.
  - (2) 1/4-20 x 1-1/4" steel countersunk trim head machine screw; zinc plated for reinforced metal door.
  - (2) 1/4 x 1-1/2" steel countersunk trim head steel metal screw; zinc plated for wood doors.

**Mounting for 8103EZ, 8190, 9100, 9103EZ and 9190**

- All mounting hardware is for standard 1-3/4" door.
- Consult Customer Service if other than standard.

**Type M Mount**

**Back-to-Back with Spanner Collar**

Wood or Metal Door

Available only for 8103EZ and 8190 Pulls.

- (2) 3/8-16 x 2-7/8" RH/LH bolts with finish matching spanner collars for tight, durable back-to-back mounting. Pulls furnished in pairs (PR) or Single (SGL) must specify M1 or RH thread or M2 for LH thread.

**Type O Mount**

**Decorative Blind Thru - Bolt**

Wood or Metal Door

Available only for 8103EZ, 8190 and 9100 series Push/Pull Combinations.

- (2) 1/4-20 x 2-1/4" blind thru - bolts; plated to match.

**Type N Mount**

**Back-to-Back "Two-Anchor"**

Wood or Metal Door

Available only for 8103EZ, 8190 and 9100 series Push/Pull Combinations.

- (2) 1/4-20 x 2-3/4" steel countersunk trim head machine screws with (4) set screws for maximum anchoring force.
- (2) Steel screw sleeves; zinc plated.

**Type NO Push/Pull Mounting**

Type N & Type O

Pushbar to Pull

- (1) 1/4-20 X 3" steel countersunk trim head machine screws with (2) set screws.
- (1) steel screw sleeve, zinc plated.

Free End Pushbar & Pull

- (2) 1/4-20 X 2-1/4" blind thru-bolts; plated to match.

**Type NS-Standard Push/Pull Mounting**

Type N & Standard

Pushbar to Pull

- (1) 1/4-20 X 3" steel countersunk trim head machine screws with (2) set screws.
- (1) steel screw sleeve, zinc plated.

Free End Pushbar & Pull

- (2) 1/4-20 X 2-1/4" brass, oval head mach screws; plated to match.
- (2) No. 14 countersunk washers; plated to match.

A  
Hinges & Pivots

B17  
Pulls & Plates

C  
Flush Bolts & Coordinators

D  
Latches, Catches & Bolts

E  
Stops

F  
Exterior Hardware

G  
Miscellaneous Hardware