8103EZHD Door Pull - 1" Round
Large 2-1/2” Clearance for the Accessibility Applications
Available mounting – standard, O, H-I-L, J see pages B15 and B17
with Heavy Duty 3/8-16” mounting screws

Available Sizes
8", 10", 12"

<table>
<thead>
<tr>
<th>Product No.</th>
<th>Projection &quot;A&quot;</th>
<th>Clearance</th>
<th>Center to Center &quot;B&quot;</th>
<th>Overall Length &quot;C&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>8103EZ</td>
<td>3-1/2&quot;</td>
<td>2-1/2&quot;</td>
<td>8&quot;</td>
<td>9&quot;</td>
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<tr>
<td>8103EZ</td>
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<td>13&quot;</td>
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</tbody>
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Finishes brass
BHMA 605 606 612 613 619 625 626

Finishes stainless steel
US Number US32 US32D*
BHMA 629 630

Finishes aluminum
US Number US28
BHMA 628

* Available with Antimicrobial Coating, use suffix AM

8105 Door Pull - 1" Flattened
Available mounting – standard or F see page B15
– 1/4 - 20” mounting screws

Available Sizes
6", 8", 10"

<table>
<thead>
<tr>
<th>Product No.</th>
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<th>Center to Center &quot;B&quot;</th>
<th>Overall Length &quot;C&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>8105-6</td>
<td>2&quot;</td>
<td>6&quot;</td>
<td>6-1/2&quot;</td>
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<tr>
<td>8105-8</td>
<td>2&quot;</td>
<td>8&quot;</td>
<td>8-1/2&quot;</td>
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<tr>
<td>8105-0</td>
<td>2&quot;</td>
<td>10&quot;</td>
<td>10-1/2&quot;</td>
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Finishes brass
BHMA 605 606 612 613 619 625 626

Finishes stainless steel
US Number US32D*
BHMA 630

Finishes aluminum
US Number US28
BHMA 628

* 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.

<table>
<thead>
<tr>
<th>Type Standard Mount</th>
<th>Type G Mount</th>
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<tbody>
<tr>
<td><img src="image1" alt="Type Standard Mount Diagram" /></td>
<td><img src="image2" alt="Type G Mount Diagram" /></td>
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</tbody>
</table>

**Standard Mounting**
- (2) 3/8-16 x 2-1/4” brass, flat head machine screws; plate to match.
- (2) 3/8-16 countersunk washers; plated to match.
Note: 8102HD and 8105 have (2) 5/16-18 x 2-1/2” machine screws
- Options: (2) 5/16 countersunk washers

**Concealed Pull Plate Mounting**
Available only for 8302, 8303, 8311 Pull Plates.
- (2) 3/8-16 x 5/8” steel flat head machine screws; zinc plated.
Pull mounts directly onto plate.
Plate is attached to door by 6 screws.
Note: 8302 has (2) 5/16-19 x 5/8” steel flathead zinc plated screws

<table>
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<th>Type F Mount</th>
<th>Type H-I-L Mount</th>
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<td><img src="image3" alt="Type F Mount Diagram" /></td>
<td><img src="image4" alt="Type H-I-L Mount Diagram" /></td>
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**Wood Doors Concealed Pull Mounting With Push Plate**
- (2) 2-1/4” steel flat head machine screws; zinc plated.

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

Note: 8102HD, 8302 will have 5/16-18
8105, 8111, 8305, 8311 will have 1/4-20
8103HD, 8303 will have 3/8-16

**Reinforced Hollow Metal Door Concealed Pull Mounting**
Available only for 8102, 8103, 810EZ or wood door pulls, 8302, 8303 pull plates and 9264, 9265, 9266 and 9267 long door pulls.
- (2) Steel screw sleeves; zinc plated.
- (2) Steel countersunk trim head machine screw; zinc plated for reinforced metal door.
- (2) Steel countersunk trim head steel metal screw; zinc plated for wood doors.

Note: 8102HD and 8302 will have 5/16-18
8103HD, 8103EZH, 8303 will have 3/8-16
Mounting

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

Type K Mount

Back to Back Pull Mounting

Available only for B121-5 Pulls.

- (4) Steel screw sleeve nuts; steel zinc plated.
- (8) No. 8-32 x 1” brass oval head machine screws; plated to match. Pulls furnished in pairs (PR).
Mounting for 8103EZ, 8190, 9100, 9103EZ, 9190 and 9264, 9265, 9266 and 9267 long door pulls.

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

**Type J/N Mount**

![Diagram of Type J/N Mount]

- Screw Sleeve
- (3) Set Screws at 90° apart
- Inside (push)
- Outside (pull)

**Back to Back “Two-Anchor”**

Wood or Metal Door

Available only for 8103EZHD, 8190HD, 9100HD push/pull combinations and 9264, 9265, 9266 and 9267 long door pulls.

- (2) 3/8-16 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 O Mount**

![Diagram of Type O Mount]

**Decorative Blind Thru - Bolt**

Wood or Metal Door

Available only for 8103EZHD, 8190HD and 9100HD Series Push/Pull Combinations.

- (2) 3/8-16 x 2-1/4" blind thru - bolts; plated to match.

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

Type N & Standard

Pushbar to Pull

- (1) 3/8 -16 X 3"steel countersunk trim head machine screws with (2) set screws.
- (1) steel screw sleeve, zinc plated.

Free End Pushbar & Pull

- (2) 3/8 -16 X 2-1/4" brass, oval head mach screws; plated to match.
- (2) No. 14 countersunk washers; plated to match.

**Type J/N Mount**

![Diagram of Type J/N Mount]

- Screw Sleeve
- (3) Set Screws at 90° apart
- Inside (push)
- Outside (pull)

**Type O Mount**

![Diagram of Type O Mount]

**Decorative Blind Thru - Bolt**

Wood or Metal Door

Available only for 8103EZHD, 8190HD and 9100HD Series Push/Pull Combinations.

- (2) 3/8-16 x 2-1/4" blind thru - bolts; plated to match.

**Type NO Push/Pull Mounting**

Type N & Type O

Pushbar to Pull

- (1) 3/8 -16 X 3"steel countersunk trim head machine screws with (2) set screws.
- (1) steel screw sleeve, zinc plated.

Free End Pushbar & Pull

- (2) 3/8 -16 X 2-1/4" blind thru-bolts; plated to match.

**Type P Mount**

![Diagram of Type P Mount]

**1/2" Glass Door**

Available only for 8103EZHD, 8190HD, 9100HD, 9265 and 9266 long door pulls.

- (2) 3/8-16 x 2-1/4" steel countersunk trim head machine screws with (4) set screws for maximum anchoring force.
- (2) Steel screw sleeves; zinc plated
- (2) Metal and Vinyl washers