



## PUSH & PULL BAR SETS



### 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  
 Finishes: US3, US4, US10, US10B, US28, US32, US32D  
 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  
 Finishes: US3, US4, US10, US10B, US28, US32, US32D  
 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  
 Finishes: US3, US4, US10, US10B, US28, US32, US32D  
 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  
 Finishes: US3, US4, US10, US10B, US28, US32, US32D

\*

**D = Standard Fastening** - One (1) 3/8-16 Type 7 spanner collar connection between push bar and pull plus two (2) 1/4-20 Type 1 connections for other ends of push bar and pull.

**V = Fully Concealed Fastening** - One (1) 3/8-16 Type 7 spanner collar connection between push bar and pull plus two (2) 1/4-20 Type 5 connections for ends of push bar and pull.

**B = Tempered Glass Fastening** - One (1) 3/8-16 Type 7 spanner collar connection between push bar and pull plus two (2) 1/4-20 Type 8 connections for ends of push bar and pull plus gaskets that separate metal parts from glass.





## PUSH & PULL BAR SETS



### 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  
Finishes: US3, US4, US10, US10B, US28, US32, US32D



### 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  
Finishes: US3, US4, US10, US10B, US28, US32, US32D



### 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  
Finishes: US3, US4, US10, US10B, US28, US32, US32D



### 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  
Finishes: US3, US4, US10, US10B, US28, US32, US32D

\*

**D = Standard Fastening** - One (1) 3/8-16 Type 7 spanner collar connection between push bar and pull plus two (2) 1/4-20 Type 1 connections for other ends of push bar and pull.

**V = Fully Concealed Fastening** - One (1) 3/8-16 Type 7 spanner collar connection between push bar and pull plus two (2) 1/4-20 Type 5 connections for ends of push bar and pull.

**B = Tempered Glass Fastening** - One (1) 3/8-16 Type 7 spanner collar connection between push bar and pull plus two (2) 1/4-20 Type 8 connections for ends of push bar and pull plus gaskets that separate metal parts from glass.





## PUSH & PULL BAR SETS



### 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  
 Finishes: US3, US4, US10, US10B, US28, US32, US32D



### 156D | 156V | 156B

#### Round Push/Pull Set\*

Certification: Meets ANSI A156.6 for J505 Bar Sets  
 Bar Stock: 3/4" (19 mm) diameter  
 Pull Bar Projection: 2-1/2" (64 mm)  
 Push Bar Projection: 2-1/4" (57 mm)  
 Pull CTC: 8" (203 mm)  
 Offset: 2-1/2" (64 mm), 90° Standard  
 Materials: Aluminum, brass, bronze, stainless steel  
 Finishes: US3, US4, US10, US10B, US28, US32, US32D  
 Options: For 45° 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  
 Pull Bar Projection: 2-1/2" (64 mm)  
 Push Bar Projection: 2-1/4" (57 mm)  
 Pull CTC: 10" (254 mm)  
 Offset: 2-1/2" (64 mm), 90° Standard  
 Materials: Aluminum, brass, bronze, stainless steel  
 Finishes: US3, US4, US10, US10B, US28, US32, US32D  
 Options: For 45° 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  
 Pull Bar Projection: 2-1/2" (64 mm)  
 Push Bar Projection: 2-1/4" (57 mm)  
 Pull CTC: 12" (305 mm)  
 Offset: 2-1/2" (64 mm), 90° Standard  
 Materials: Aluminum, brass, bronze, stainless steel  
 Finishes: US3, US4, US10, US10B, US28, US32, US32D  
 Options: For 45° offset pull, add prefix "X" (i.e., X158D) to number  
 Notes: Non-reversible; specify handing

\*

**D = Standard Fastening** - One (1) 3/8-16 Type 7 spanner collar connection between push bar and pull plus two (2) 5/16-18 Type 1 connections for other ends of push bar and pull.

**V = Fully Concealed Fastening** - One (1) 3/8-16 Type 7 spanner collar connection between push bar and pull plus two (2) 5/16-18 Type 5 connections for ends of push bar and pull.

**B = Tempered Glass Fastening** - One (1) 3/8-16 Type 7 spanner collar connection between push bar and pull plus two (2) 5/16-18 Type 8 connections for ends of push bar and pull plus gaskets that separate metal parts from glass.





## PUSH & PULL BAR SETS



### 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" (64 mm)  
 Pull CTC: 10" (254 mm)  
 Offset: 3" (76 mm), 90° Standard  
 Materials: Aluminum, brass, bronze, stainless steel  
 Finishes: US3, US4, US10, US10B, US28, US32, US32D  
 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" (64 mm)  
 Pull CTC: 12" (305 mm)  
 Offset: 3" (76 mm), 90° Standard  
 Materials: Aluminum, brass, bronze, stainless steel  
 Finishes: US3, US4, US10, US10B, US28, US32, US32D  
 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" (64 mm)  
 Pull CTC: 18" (457 mm)  
 Offset: 3" (76 mm), 90° Standard  
 Materials: Aluminum, brass, bronze, stainless steel  
 Finishes: US3, US4, US10, US10B, US28, US32, US32D  
 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  
 Finishes: US3, US4, US10, US10B, US28, US32, US32D

\*

**D = Standard Fastening** - One (1) 3/8-16 Type 7 spanner collar connection between push bar and pull plus two (2) 5/16-18 Type 1 connections for other ends of push bar and pull.

**V = Fully Concealed Fastening** - One (1) 3/8-16 Type 7 spanner collar connection between push bar and pull plus two (2) 5/16-18 Type 5 connections for ends of push bar and pull.

**B = Tempered Glass Fastening** - One (1) 3/8-16 Type 7 spanner collar connection between push bar and pull plus two (2) 5/16-18 Type 8 connections for ends of push bar and pull plus gaskets that separate metal parts from glass.





## PUSH & PULL BAR SETS



### 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
Finishes:	US3, US4, US10, US10B, US28, US32, US32D



### 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
Finishes:	US3, US4, US10, US10B, US28, US32, US32D
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)
Pull Bar Projection:	2-1/2" (64 mm)
Push Bar Projection:	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
Finishes:	US3, US4, US10, US10B, US28, US32, US32D
Notes:	<ul style="list-style-type: none"> <li>Bars are mounted back to back with 1/4"-20 thru bolt type 4 mounting</li> <li>Non-reversible; specify handing</li> </ul>

\*

**D = Standard Fastening** - One (1) 3/8-16 Type 7 spanner collar connection between push bar and pull plus two (2) 5/16-18 Type 1 connections for other ends of push bar and pull.

**V = Fully Concealed Fastening** - One (1) 3/8-16 Type 7 spanner collar connection between push bar and pull plus two (2) 5/16-18 Type 5 connections for ends of push bar and pull.

**B = Tempered Glass Fastening** - One (1) 3/8-16 Type 7 spanner collar connection between push bar and pull plus two (2) 5/16-18 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.).

