

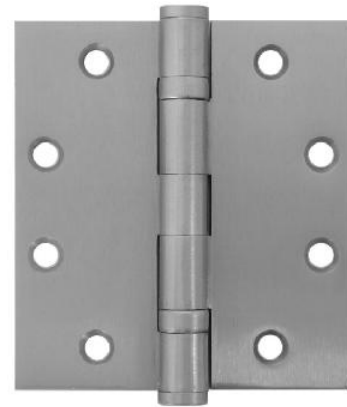


MODEL No.	Description	I-1
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TP4540BB

Plain Steel .134" (3.4)mm
Full Mortise Hinge
Commercial Grade
Ball Bearing
4.5"(114.3) x 4"(101.6)

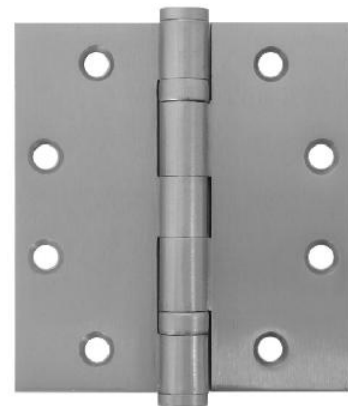
- Steel base material with non rising pin standard
- For medium weight doors with average frequency usage
- Supplied with 2 non detachable ball bearings
- Template screw hole locations to speed installation
- Meets ANSI A8112
- Available in USP, 3, 4, 10, 10A, 26, 26D
- All other finishes priced on application



TP4540BBNRP

Plain Steel .134" (3.4)mm
Full Mortise Hinge
Commercial Grade
Ball Bearing
Non Removable Pin
4.5"(114.3) x 4"(101.6)

- Steel base material with non rising pin standard
- For medium weight doors with average frequency usage
- Supplied with 2 non detachable ball bearings
- Template screw hole locations to speed installation
- Meets ANSI A8112
- Available in USP, 3, 4, 10, 10A, 26, 26D
- All other finishes priced on application
- Non removable available use NRP suffix as shown

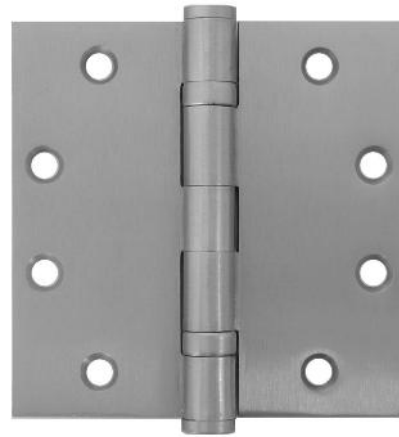


I-2 MODEL No. Description

TP4545BB

Plain Steel .134" (3.4)mm
Full Mortise Hinge
Commercial Grade
Ball Bearing
4.5"(114.3) x 4.5"(114.3))

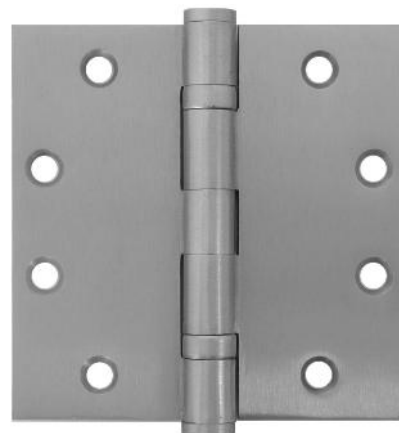
- Steel base material with non rising pin standard
- For medium weight doors with average frequency usage
- Supplied with 2 non detachable ball bearings
- Template screw hole locations to speed installation
- Meets ANSI A8112
- Available in USP, 3, 4, 10, 10A, 26, 26D
- All other finishes priced on application



TP4545BBNRP

Plain Steel .134" (3.4)mm
Full Mortise Hinge
Commercial Grade
Ball Bearing
Non Removable Pin
4.5"(114.3) x 4.5"(114.3))

- Steel base material with non rising pin standard
- For medium weight doors with average frequency usage
- Supplied with 2 non detachable ball bearings
- Template screw hole locations to speed installation
- Meets ANSI A8112
- Available in USP, 3, 4, 10, 10A, 26, 26D
- All other finishes priced on application
- Non removable available use NRP suffix as shown



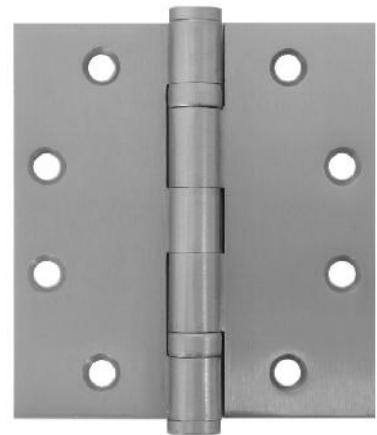


MODEL No.	Description	O-3
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TS4540BB

Stainless Steel .134" (3.4)
Full Mortise Hinge
Commercial Grade
Ball Bearing
4.5"(114.3) x 4"(101.6))

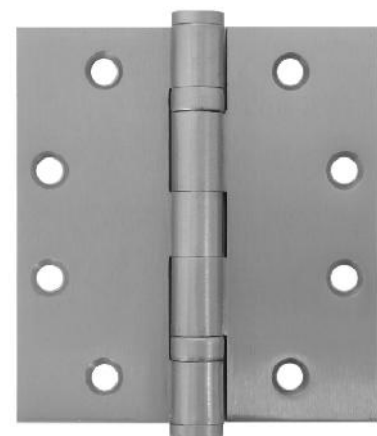
- Stainless steel base material with non rising pin standard
- For medium weight doors with average frequency usage
- Supplied with 2 non detachable ball bearings
- Template screw hole locations to speed installation
- Meets ANSI A5112
- Available in US32, 32D



TS4540BBNRP

Stainless Steel .134" (3.4)
Full Mortise Hinge
Commercial Grade
Ball Bearing
Non Removable Pin
4.5"(114.3) x 4"(101.6)

- Stainless steel base material with non rising pin standard
- For medium weight doors with average frequency usage
- Supplied with 2 non detachable ball bearings
- Template screw hole locations to speed installation
- Meets ANSI A5112
- Available in US32, 32D
- Non removable available use NRP suffix as shown

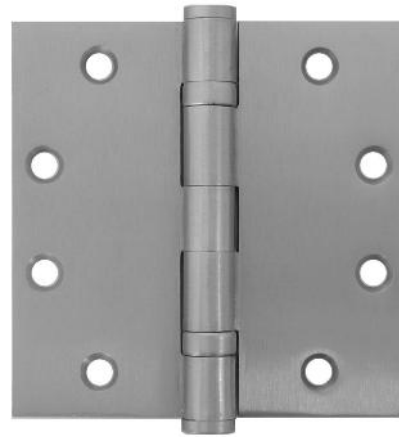


I-4 MODEL No. Description

TS4545BB

Stainless Steel .134" (3.4)
Full Mortise Hinge
Commercial Grade
Ball Bearing
4.5"(114.3) x 4.5"(114.3)

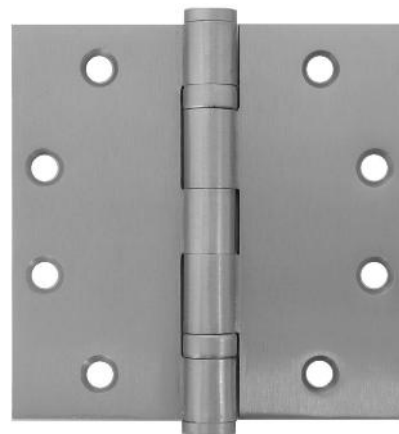
- Stainless steel base material with non rising pin standard
- For medium weight doors with average frequency usage
- Supplied with 2 non detachable ball bearings
- Template screw hole locations to speed installation
- Meets ANSI A5112
- Available in US32, 32D



TS4545BBNRP

Stainless Steel .134" (3.4)
Full Mortise Hinge
Commercial Grade
Ball Bearing
Non Removable Pin
4.5"(114.3) x 4.5"(114.3)

- Stainless steel base material with non rising pin standard
- For medium weight doors with average frequency usage
- Supplied with 2 non detachable ball bearings
- Template screw hole locations to speed installation
- Meets ANSI A5112
- Available in US32, 32D
- Non removable available use NRP suffix as shown



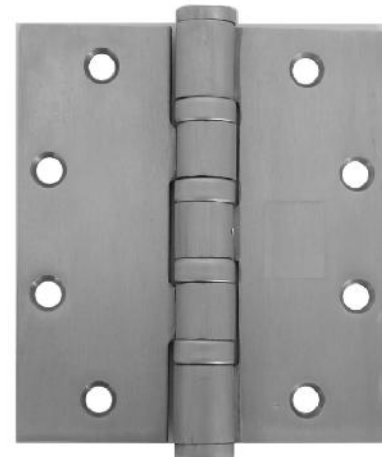


MODEL No.	Description	I-5
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TPH4540BB

Plain Steel .180" (4.6)
Full Mortise Hinge
Commercial Grade
Ball Bearing
4.5"(114.3) x 4"(101.6)

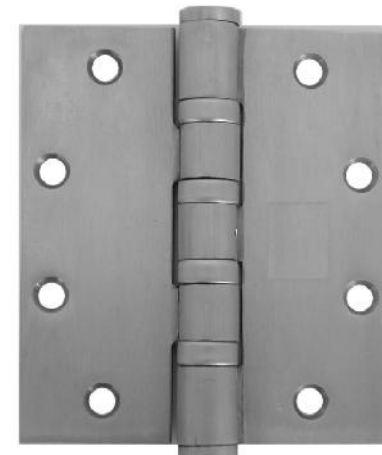
- Steel base material with non rising pin standard
- For heavy doors with high frequency usage
- Supplied with 4 non detachable ball bearings
- Template screw hole locations to speed installation
- Meets ANSI A8111
- Available in US3, 4, 10, 10B, 15, 26, 26D



TPH4540BBNRP

Plain Steel .180" (4.6)
Full Mortise Hinge
Commercial Grade
Ball Bearing
Non Removable Pin
4.5"(114.3) x 4"(101.6)

- Steel base material with non rising pin standard
- For heavy doors with high frequency usage
- Supplied with 4 non detachable ball bearings
- Template screw hole locations to speed installation
- Meets ANSI A8111
- Available in US3, 4, 10, 10B, 15, 26, 26D
- Non removable available use NRP suffix as shown



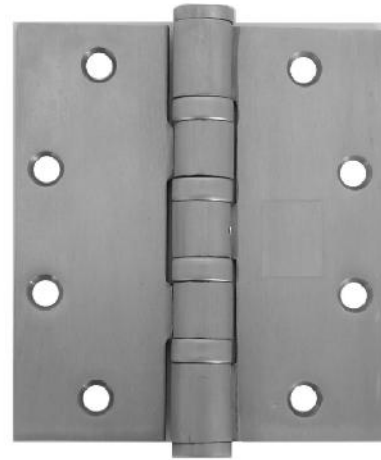
I-6 MODEL No.

Description

TPH4545BB

Plain Steel .180" (4.6)
Full Mortise Hinge
Commercial Grade
Ball Bearing
4.5"(114.3) x 4.5"(114.3)

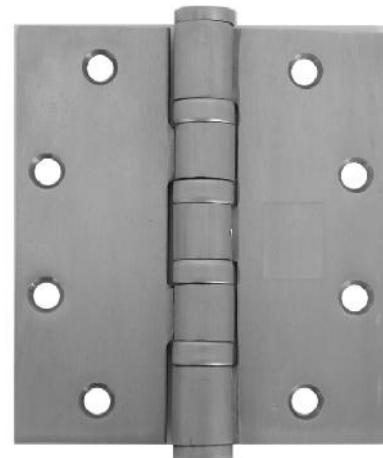
- Steel base material with non rising pin standard
- For heavy doors with high frequency usage
- Supplied with 4 non detachable ball bearings
- Template screw hole locations to speed installation
- Meets ANSI A8111
- Available in US3, 4, 10, 10B, 15, 26, 26D



TPH4545BBNRP

Plain Steel .180" (4.6)
Full Mortise Hinge
Commercial Grade
Ball Bearing
Non Removable Pin
4.5"(114.3) x 4.5"(114.3)

- Steel base material with non rising pin standard
- For heavy doors with high frequency usage
- Supplied with 4 non detachable ball bearings
- Template screw hole locations to speed installation
- Meets ANSI A8111
- Available in US3, 4, 10, 10B, 15, 26, 26D



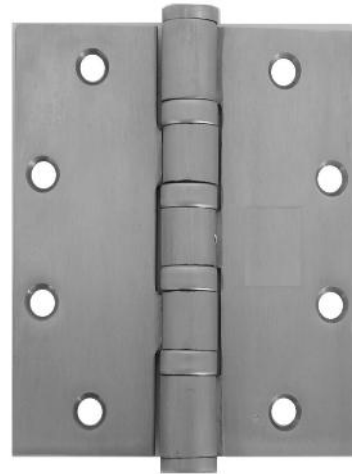


MODEL No.	Description	I-7
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TPH5045BB

Plain Steel .190" (4.8)
 Full Mortise Hinge
 Commercial Grade
 Ball Bearing
 5"(127) x 4.5"(114.3)

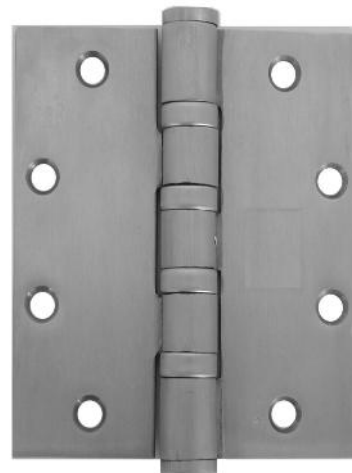
- Steel base material with non rising pin standard
- For heavy doors with high frequency usage
- Supplied with 4 non detachable ball bearings
- Template screw hole locations to speed installation
- Meets ANSI A8111
- Available in US3, 4, 10, 10B, 26, 26D
- All other finishes priced on application



TPH5045BBNRP

Plain Steel .190" (4.8)
 Full Mortise Hinge
 Commercial Grade
 Ball Bearing
 Non Removable Pin
 5"(127) x 4.5"(114.3)

- Steel base material with non rising pin standard
- For heavy doors with high frequency usage
- Supplied with 4 non detachable ball bearings
- Template screw hole locations to speed installation
- Meets ANSI A8111
- Available in US3, 4, 10, 10B, 26, 26D
- All other finishes priced on application
- Non removable available use NRP suffix as shown



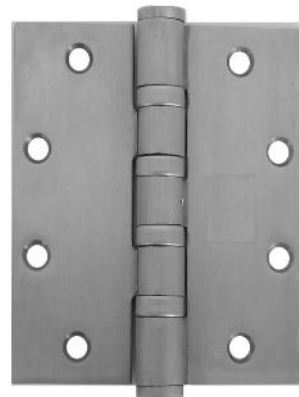
I-8 MODEL No.

Description

TSH4540BB

Stainless Steel .180" (4.6)
Full Mortise Hinge
Commercial Grade
Ball Bearing
4.5"(114.3) x 4"(101.6)

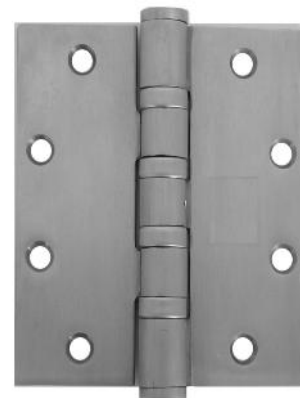
- Stainless Steel base material with non rising pin standard
- For heavy doors with high frequency usage
- Supplied with 4 non detachable ball bearings
- Template screw hole locations to speed installation
- Meets ANSI A5111
- Available in US32, 32D



TSH4545BBNRP

Stainless Steel .180" (4.6)
Full Mortise Hinge
Commercial Grade
Ball Bearing
Non Removable Pin
4.5"(114.3) x 4"(101.6)

- Stainless Steel base material with non rising pin standard
- For heavy doors with high frequency usage
- Supplied with 4 non detachable ball bearings
- Template screw hole locations to speed installation
- Meets ANSI A5111
- Available in US32, 32D
- All other finishes priced on application
- Non removable available use NRP suffix as shown

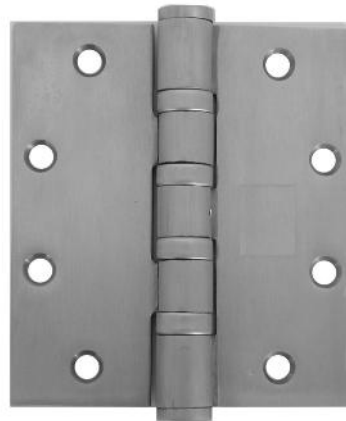


MODEL No.	Description	I-9
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TSH4545BB

Stainless Steel .180" (4.6)
 Full Mortise Hinge
 Commercial Grade
 Ball Bearing
 4.5"(114.3) x 4.5"(114.3)

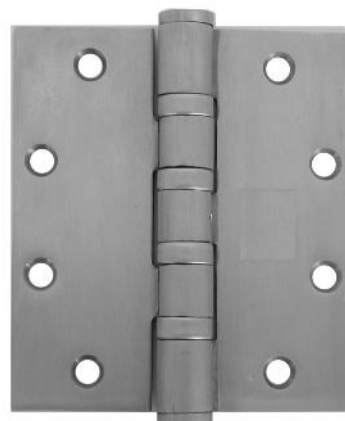
- Stainless Steel base material with non rising pin standard
- For heavy doors with high frequency usage
- Supplied with 4 non detachable ball bearings
- Template screw hole locations to speed installation
- Meets ANSI A5111
- Available in US32, 32D



TSH4545BBNRP

Stainless Steel .180" (4.6)
 Full Mortise Hinge
 Commercial Grade
 Ball Bearing
 Non Removable Pin
 4.5"(114.3) x 4.5"(114.3)

- Stainless Steel base material with non rising pin standard
- For heavy doors with high frequency usage
- Supplied with 4 non detachable ball bearings
- Template screw hole locations to speed installation
- Meets ANSI A5111
- Available in US32, 32D
- Non removable available use NRP suffix as shown



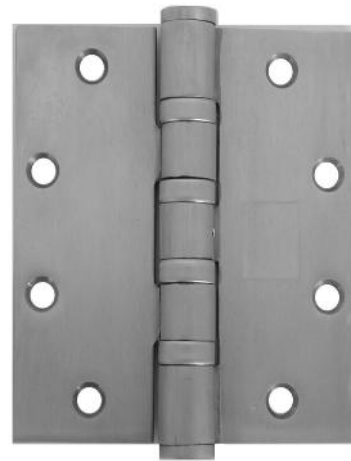
I-10 MODEL No.

Description

TSH5045BB

Stainless Steel .190" (4.8)
Full Mortise Hinge
Commercial Grade
Ball Bearing
5"(127) x 4.5"(114.3)

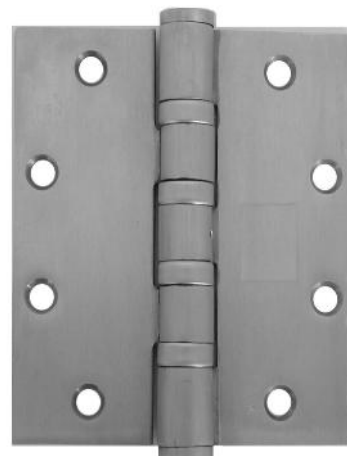
- Stainless Steel base material with non rising pin standard
- For heavy doors with high frequency usage
- Supplied with 4 non detachable ball bearings
- Template screw hole locations to speed installation
- Meets ANSI A5111
- Available in US32, 32D



TSH5045BBNRP

Stainless Steel .190" (4.8)
Full Mortise Hinge
Commercial Grade
Ball Bearing
Non Removable Pin
5"(127) x 4.5"(114.3)

- Stainless Steel base material with non rising pin standard
- For heavy doors with high frequency usage
- Supplied with 4 non detachable ball bearings
- Template screw hole locations to speed installation
- Meets ANSI A5111
- Available in US32, 32D
- Non removable available use NRP suffix as shown



MODEL No.	Description	I-11
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- E4W** 4 wire through hinge
 - E6W** 6 wire through hinge
 - E8W** 8 wire through hinge
- Provides power transfer from frame to door
 - Used with electric locks, panic devices or electric strikes
 - Available with 4, 6 or 8 wires.
 - Concealed electric through wire 50 Volts AC/DC @ 1 amp



Brookline can modify any standard or heavy weight ball bearing hinge in our catalog for power transfer.

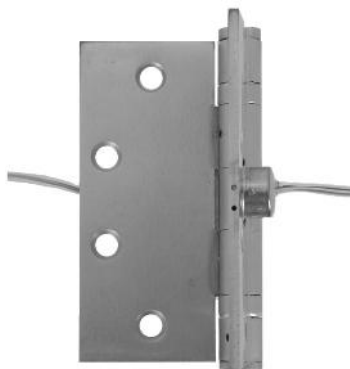
To order select the hinge you require from our hinge section and add the suffix along with the desired finish.

Example TS4545BB - E4W - 32D

THROUGH WIRE HINGE WITHOUT MONITORING

- Note electric hinge must be placed at the center position only

- M4W** monitoring x 4 wires
 - M6W** monitoring x 6 wires
 - M8W** monitoring x 8 wires
- Provides power transfer from frame to door
 - Monitors opening with set of dry contacts
 - Used with electric locks, panic devices or electric strikes
 - Available with 4, 6 or 8 wires.
 - Concealed electric monitor 30VDC @ .5 amps
 - Concealed electric through wire 50 Volts AC/DC @ 1 amp



Brookline can modify any standard or heavy weight ball bearing hinge in our catalog for power transfer with monitoring.

To order select the hinge you require from our hinge section and add the suffix along with the desired finish.

Example TS4545BB - M4W - 32D

THROUGH WIRE HINGE WITH MONITORING

- Note electric hinge must be placed at the center position only

I-12 MODEL No.

Description

TPS4540

Plain Steel .134" (3.4)mm
Full Mortise Spring Hinge
Commercial Grade
4.5"(114.3) x 4.0"(101.6)

- Steel base material
- Meets NFPA 80 for 3 hour fire doors (minimum 2 per door)
- Template screw hole locations to speed installation
- Maximum door weight 130 lbs (59)kg
- Max door size 3' x 7'6" (914 x 2286)mm (2 hinges per door)
- Conforms to ANSI K81071F
- Available in USP, 3, 4, 10, 10A, 26, 26D



TPS4545

Plain Steel .134" (3.4)mm
Full Mortise Spring Hinge
Commercial Grade
4.5"(114.3) x 4.5"(114.3)

- Steel base material
- Meets NFPA 80 for 3 hour fire doors (minimum 2 per door)
- Template screw hole locations to speed installation
- Maximum door weight 180 lbs (82)kg
- Max door size 3' x 7'6" (914 x 2286)mm (3 hinges per door)
- Conforms to ANSI K81071F
- Available in USP, 3, 4, 10, 10A, 26, 26D





MODEL No.	Description	I-13
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TSS4540

Stainless Steel .134" (3.4)mm
 Full Mortise Spring Hinge
 Commercial Grade
 4.5"(114.3) x 4.5"(101.6)

- Stainless steel base material
- Meets NFPA 80 for 3 hour fire doors (minimum 2 per door)
- Template screw hole locations to speed installation
- Maximum door weight 130 lbs (59)kg
- Max door size 3' x 7'6" (914 x 2286)mm (2 hinges per door)
- Conforms to ANSI K51071F
- Available in US32, 32D



TSS4545

Stainless Steel .134" (3.4)mm
 Full Mortise Spring Hinge
 Commercial Grade
 4.5"(114.3) x 4.5"(114.3)

- Stainless steel base material
- Meets NFPA 80 for 3 hour fire doors (minimum 2 per door)
- Template screw hole locations to speed installation
- Maximum door weight 180 lbs (82)kg
- Max door size 3' x 7'6" (914 x 2286)mm (3 hinges per door)
- Conforms to ANSI K51071F
- Available in US32, 32D



Olive Knuckle Hinge



I-14 MODEL No.

Description

TS1270

Olive Knuckle Hinge
(Handed)

- Cast Stainless Steel
- Ball bearings for smooth operation
- Meets ANSI A156.1 BHMA A5612
- Hand required to order
- Available in standard architectural finishes

