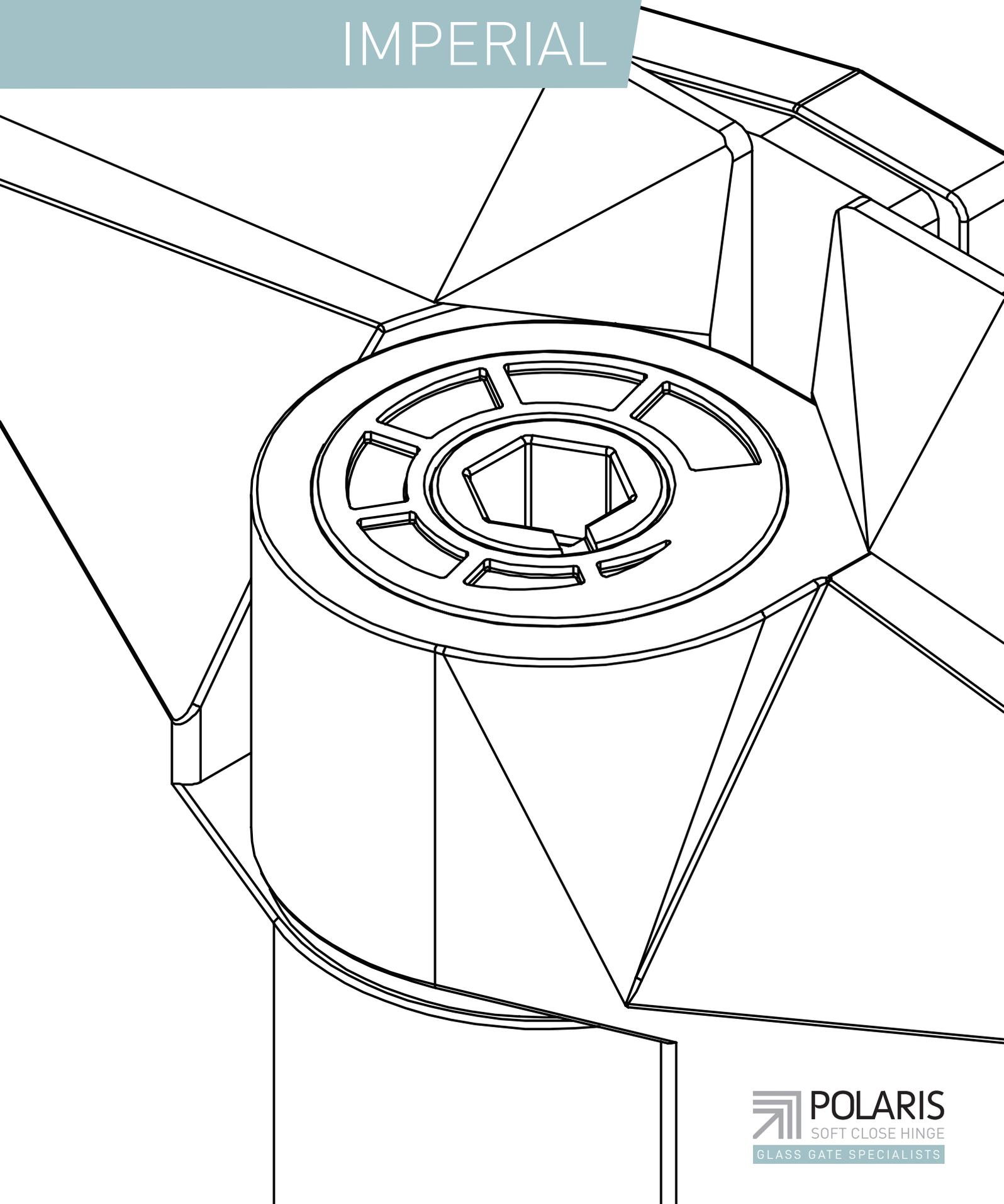


# POLARIS SOFT CLOSE HINGE

Product Guide

## IMPERIAL



# INTRODUCING POLARIS SOFT CLOSE HINGE STATE-OF-THE-ART SELF-CLOSING HINGE FOR FRAMELESS GLASS

The Polaris Soft Close Hinge developed by Glass Hardware Australia is a unique self-closing hinge for use in all outdoor and indoor frameless glass applications. It was designed to meet the tough requirements of frameless glass pool fencing in Australia so can be used in all applications where glass doors or gates are needed. The Polaris Soft Close Hinge is designed to be resistant to chemicals, to operate in a wet environment and to withstand constant outdoor use and the harsh Australian weather.

To be used as a glass pool fence hinge meant it had to be durable, reliable and last for at least ten years. The sleek stainless steel construction makes it strong and durable but also makes it stylish and attractive. As an architectural feature it is minimalist and its design geometry is compatible with the toughened glass it supports.

The Polaris Soft Close Hinge uses a spring and shock absorbers to ensure gentle closing every time from any position, position, whether fully or only slightly open. The Polaris Soft Close Hinge closes with a soft and light action not only making it safe but also quiet in operation.

As a glass pool fence hinge it is the safest and most reliable hinge in the industry complying with the stringent Australian Standards AS1926 and AS 2820.

In 2010 & 2016 the Polaris Soft Close Hinge was awarded a prestigious Australian International Design Mark™ Award. Presented by Standards Australia, the Australian International Design Awards is Australia's premier design assessment program. Products were judged for their innovation, visual and emotional appeal, functionality, quality of manufacturing, usability & environmental sustainability.

Michael Stuart, the CEO of Glass Hardware Australia, is an industry insider with significant, first-hand experience of installation (and materials supply) and understands the needs of installers, customers and other major stakeholders in the industry. His passionate concern for the safety of glass pool fences has driven him to develop a soft close hinge that will not only meet Australia's safety standards for glass pool fences but is suitable for a range of indoor and outdoor applications.

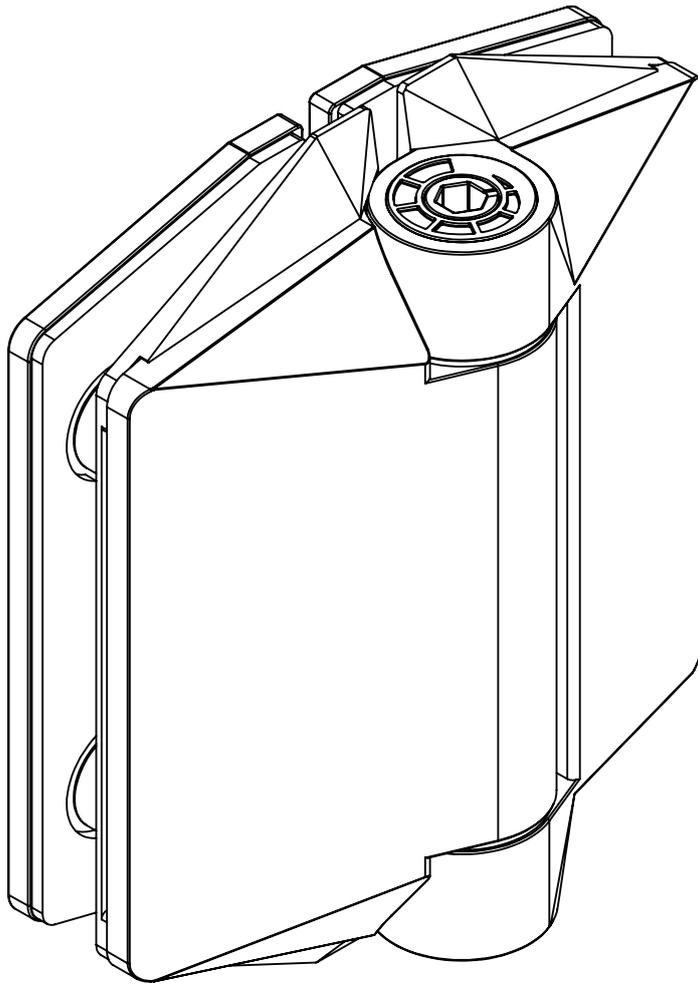
The Polaris Soft Close Hinge is a state-of-the-art product that is ahead of its rivals in design, style and safety.

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# 125 SERIES POOL HINGE

## GLASS TO GLASS



### FINISHES AND FUNCTIONS

- 2205 GRADE STAINLESS STEEL
- 3 SURFACE FINISHES
- SIMPLE *QUIK-ADJUST* RATCHET SYSTEM
- SINGLE ACTION
- SOFT CLOSE
- NON-HOLD OPEN
- ANTI-FOOT-HOLD GASKET AND SAFETY CAP INCLUDED



3/8"  
1/2"



MAX.  
35" WIDE x  
59" HIGH



MAX 100 lbs



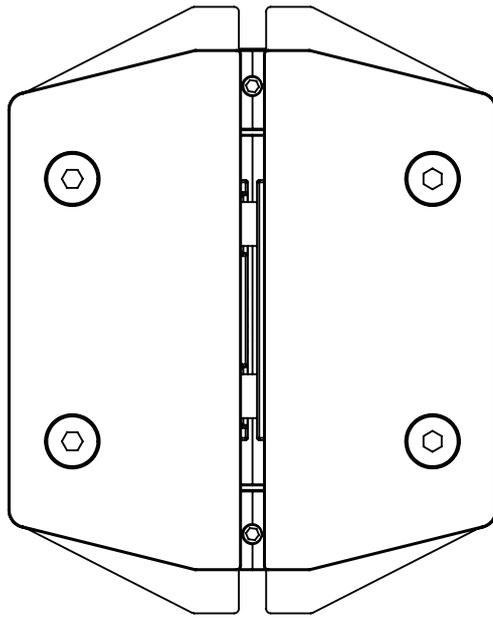
+ 10°F  
+ 122°F



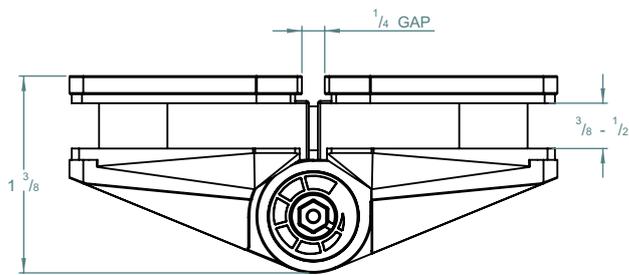
90°

### 125 SERIES POOL HINGE

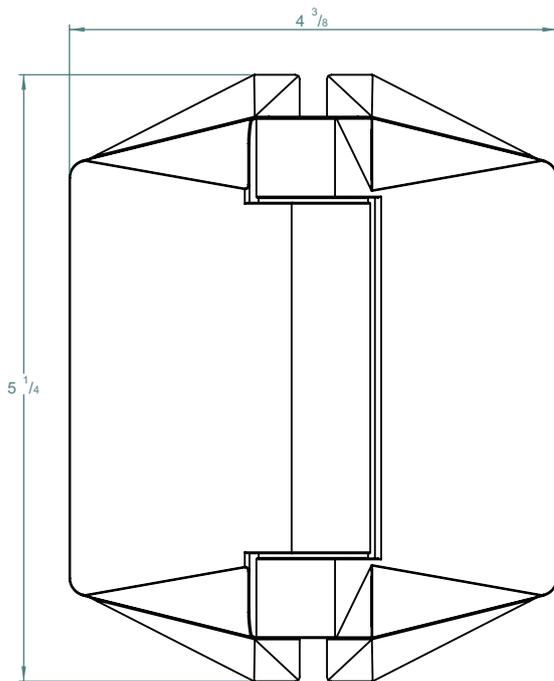
- SELF-CLOSING SAFETY HINGE FOR GLASS POOL FENCING
- TO BE USED WITH CHILD PROOF SAFETY LATCH
- COMPLIES WITH AUSTRALIAN STANDARDS FOR POOL GATE HARDWARE
- NATA ACCREDITED AND INDEPENDENTLY TESTED TO 25 000 CYCLES (NATA = NATIONAL ASSOCIATION OF TESTING AUTHORITIES AUSTRALIA)



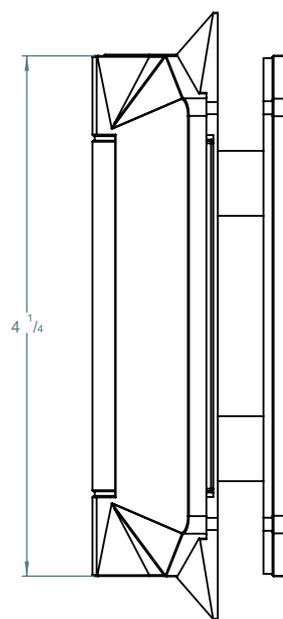
REAR VIEW



TOP VIEW



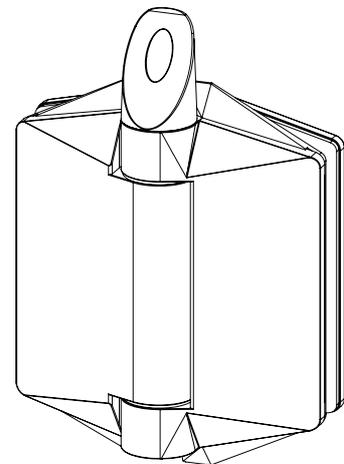
FRONT VIEW



SIDE VIEW

TO ORDER SPECIFY:

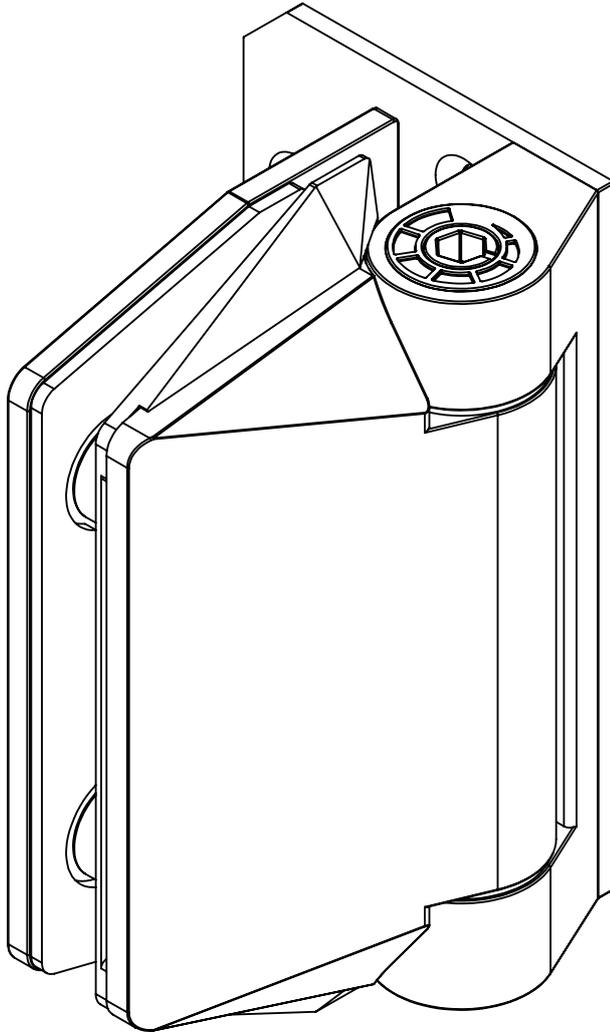
- 125GP POLISHED FINISH
- 125GS SATIN FINISH
- 125GB BLACK FINISH



INSTALLED SAFETY CAP

# 125 SERIES POOL HINGE

## GLASS TO WALL



### FINISHES AND FUNCTIONS

- 2205 GRADE STAINLESS STEEL
- 3 SURFACE FINISHES
- SIMPLE *QUIK-ADJUST* RATCHET SYSTEM
- SINGLE-ACTION
- SOFT CLOSE
- NON-HOLD OPEN
- ANTI-FOOT-HOLD GASKET AND SAFETY CAP INCLUDED



3/8"  
1/2"



MAX.  
35" WIDE x  
59" HIGH



MAX 100 lbs



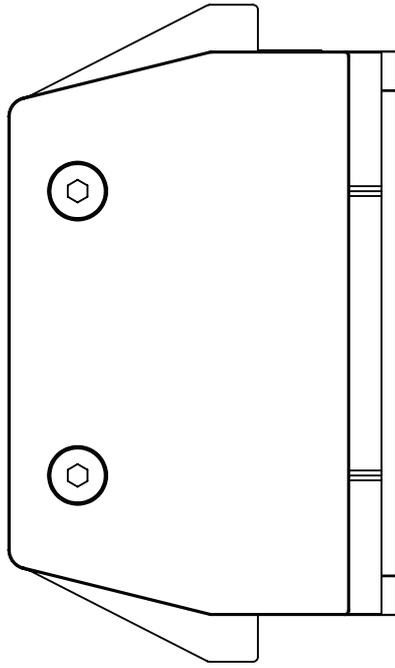
+ 10°F  
+ 122°F



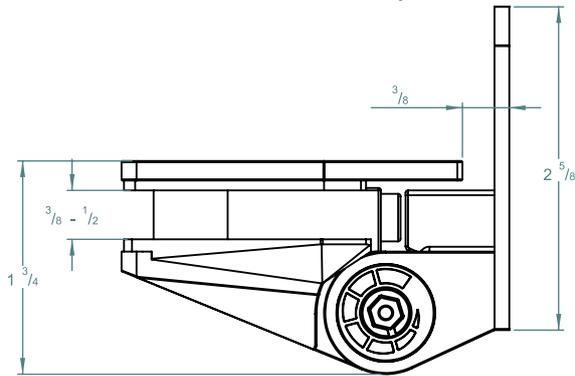
90°

### 125 SERIES POOL HINGE

- SELF-CLOSING SAFETY HINGE FOR GLASS POOL FENCING
- TO BE USED WITH CHILD PROOF SAFETY LATCH
- COMPLIES WITH AUSTRALIAN STANDARDS FOR POOL GATE HARDWARE
- NATA ACCREDITED AND INDEPENDENTLY TESTED TO 25 000 CYCLES (NATA = NATIONAL ASSOCIATION OF TESTING AUTHORITIES AUSTRALIA)



REAR VIEW

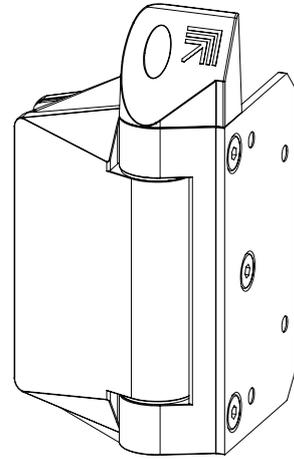


TOP VIEW

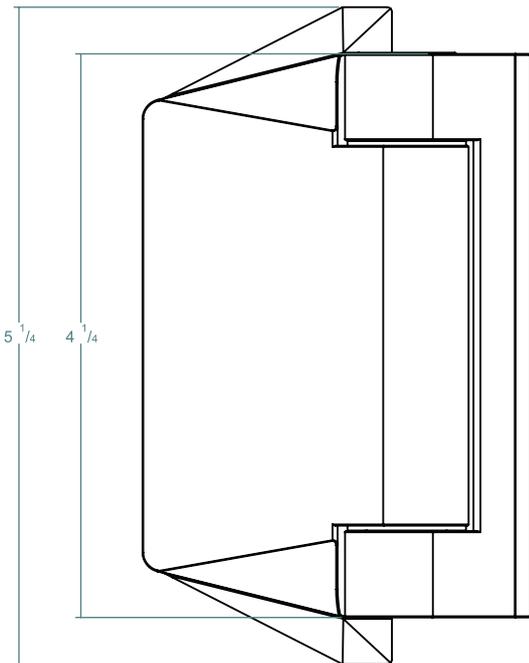
TO ORDER SPECIFY:

- 125WP POLISHED FINISH
- 125WS SATIN FINISH
- 125WB BLACK FINISH

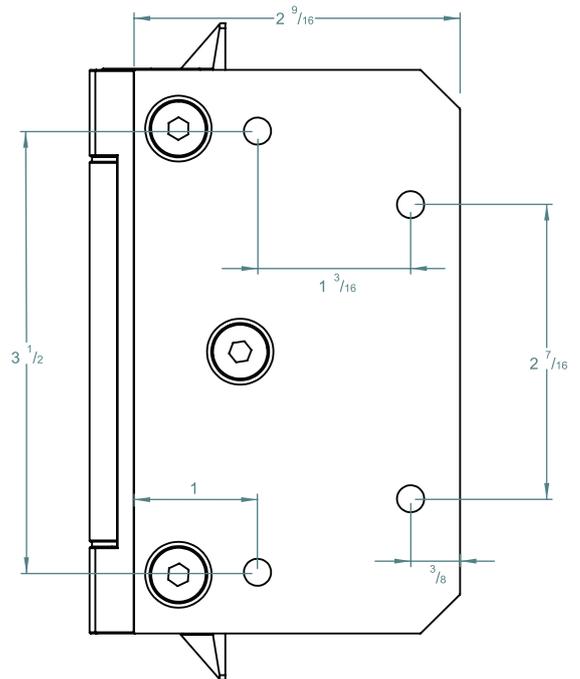
SQUARE OR ROUND  
POST BRACKETS  
AVAILABLE



INSTALLED SAFETY CAP



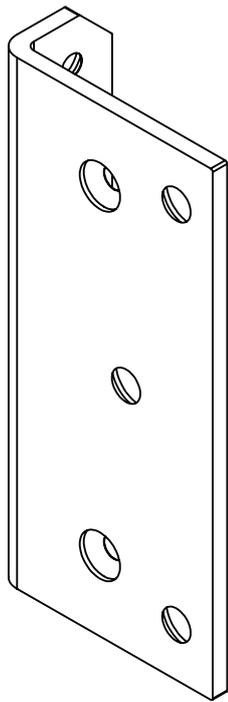
FRONT VIEW



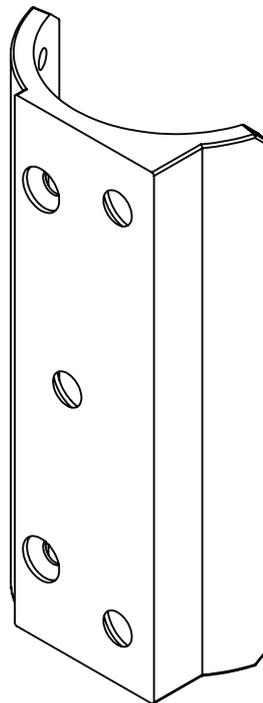
SIDE VIEW

# 125 SERIES POOL HINGE

## GLASS TO POST BRACKETS



**SQUARE POST  
BRACKET**  
(MODEL SP)



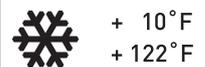
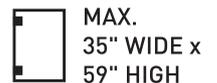
**ROUND POST  
BRACKET**  
(MODEL RP)

### 125 SERIES POOL HINGE

- SELF-CLOSING SAFETY HINGE FOR GLASS POOL FENCING
- TO BE USED WITH CHILD PROOF SAFETY LATCH
- COMPLIES WITH AUSTRALIAN STANDARDS FOR POOL GATE HARDWARE
- NATA ACCREDITED AND INDEPENDENTLY TESTED TO 25 000 CYCLES  
(NATA = NATIONAL ASSOCIATION OF TESTING AUTHORITIES AUSTRALIA)

### FINISHES AND FUNCTIONS

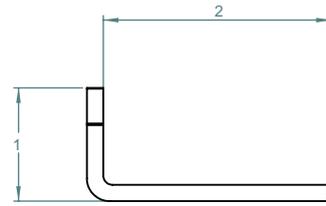
- 2205 GRADE STAINLESS STEEL
- POLISHED STAINLESS
- BRUSHED STAINLESS
- MATT BLACK
- DESIGNED TO FIT WITH 125 GLASS TO WALL HINGE (MODEL 125W)



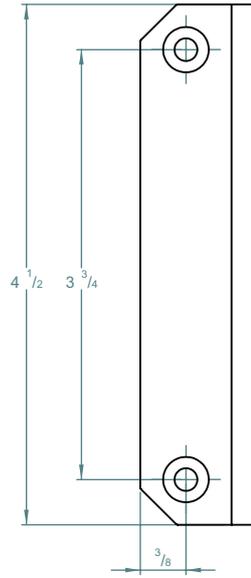
**SQUARE POST BRACKET**

TO ORDER SPECIFY:

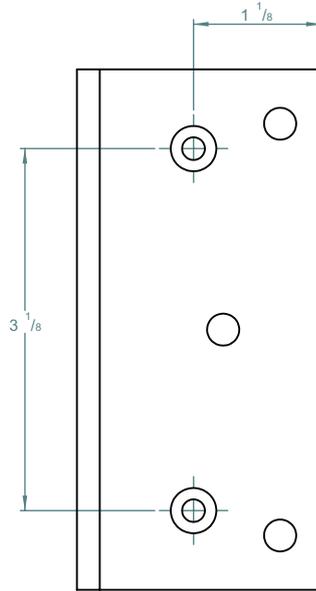
- **SPP** POLISHED FINISH
- **SPS** SATIN FINISH
- **SPB** BLACK FINISH



TOP VIEW



FRONT VIEW

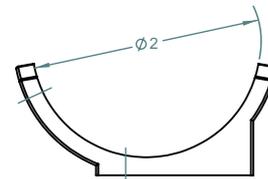


SIDE VIEW

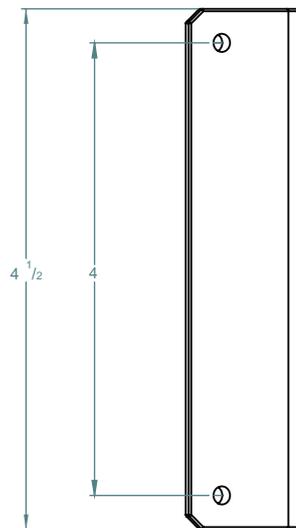
**ROUND POST BRACKET**

TO ORDER SPECIFY:

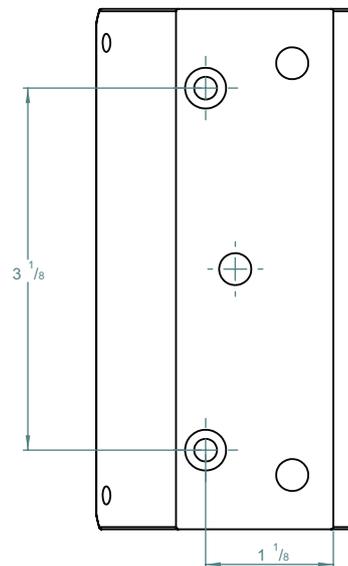
- **RPP** POLISHED FINISH
- **RPS** SATIN FINISH
- **RPB** BLACK FINISH



TOP VIEW



FRONT VIEW

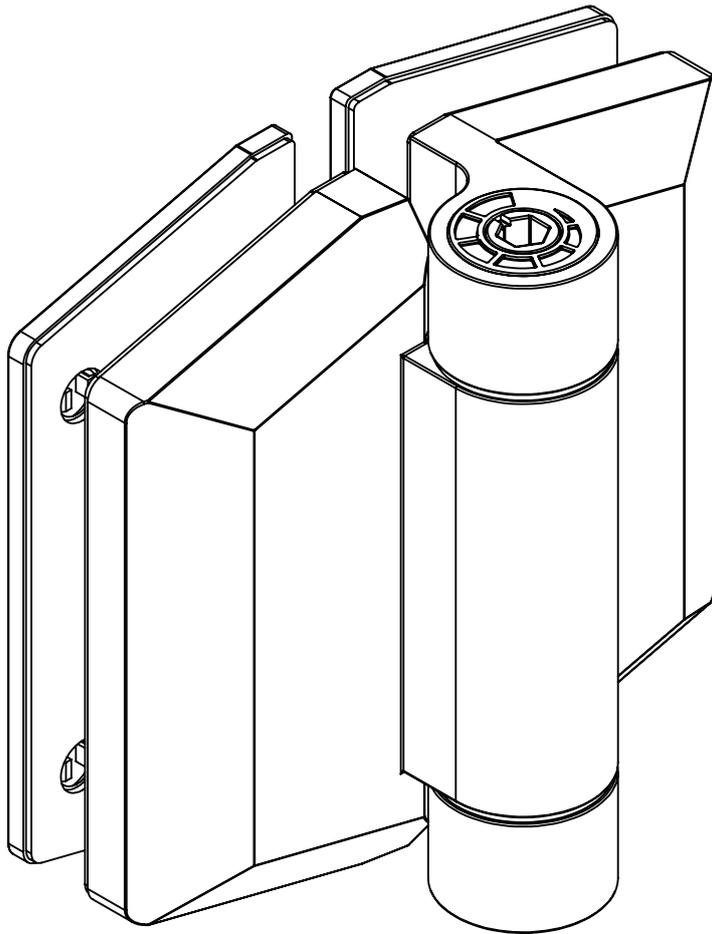


SIDE VIEW

RETRO FIT

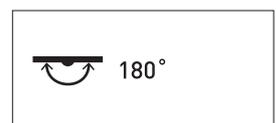
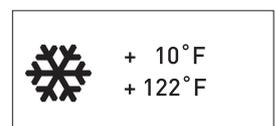
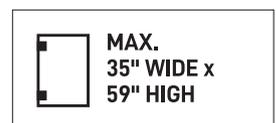
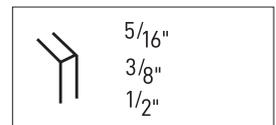
# 155 SERIES POOL HINGE

## GLASS TO GLASS



### FINISHES AND FUNCTIONS

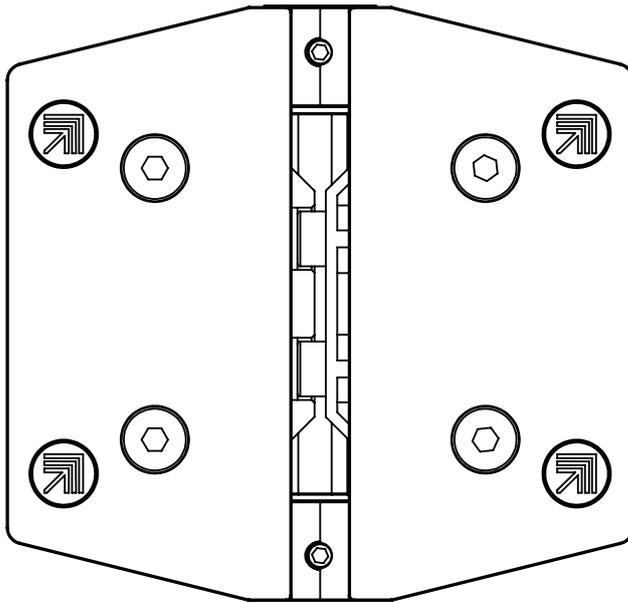
- 2205 GRADE STAINLESS STEEL
- 3 SURFACE FINISHES
- SIMPLE *QUIK-ADJUST* RATCHET SYSTEM
- SINGLE ACTION
- SOFT CLOSE
- NON-HOLD OPEN
- SAFETY CAP INCLUDED



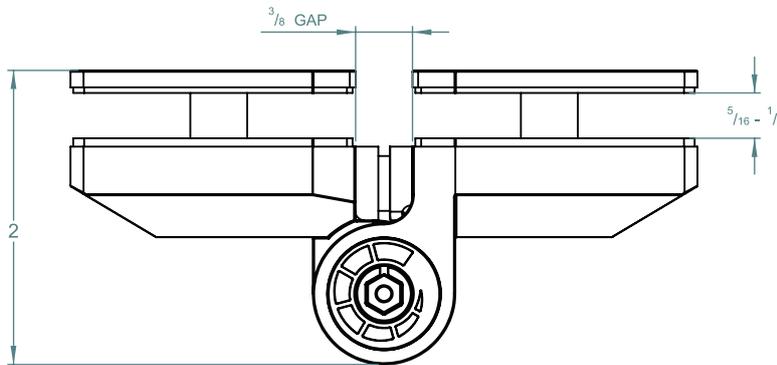
### 155 SERIES POOL HINGE

- SELF-CLOSING SAFETY HINGE FOR GLASS POOL FENCING
- TO BE USED WITH CHILD PROOF SAFETY LATCH
- COMPLIES WITH AUSTRALIAN STANDARDS FOR POOL GATE HARDWARE
- NATA ACCREDITED AND INDEPENDENTLY TESTED TO 25 000 CYCLES (NATA = NATIONAL ASSOCIATION OF TESTING AUTHORITIES AUSTRALIA)

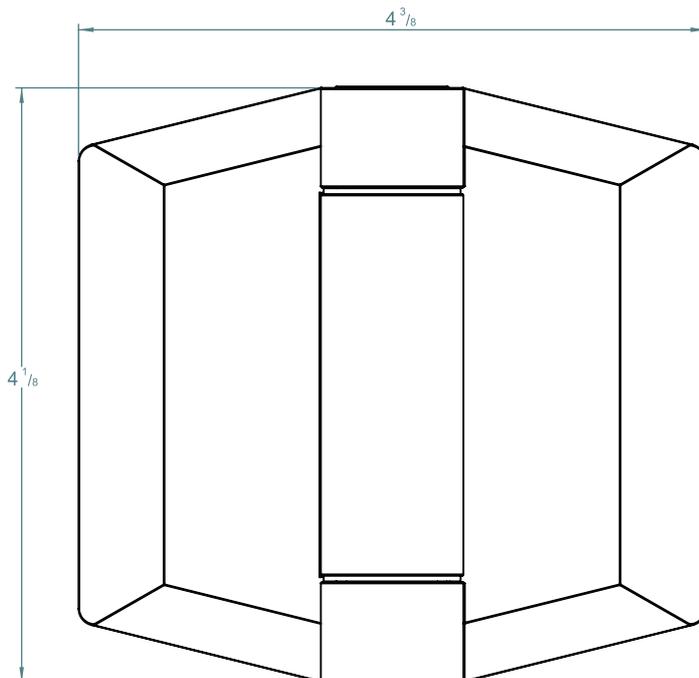
RETRO FIT



REAR VIEW



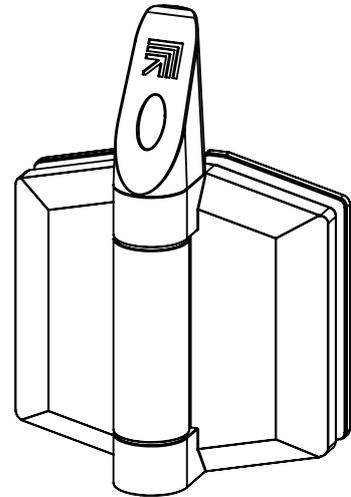
TOP VIEW



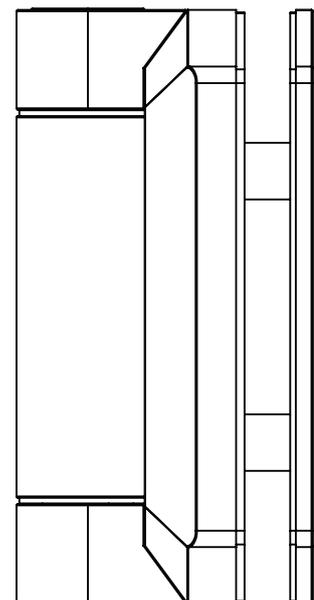
FRONT VIEW

TO ORDER SPECIFY:

- 155GP POLISHED FINISH
- 155GS SATIN FINISH
- 155GB BLACK FINISH



INSTALLED SAFETY CAP

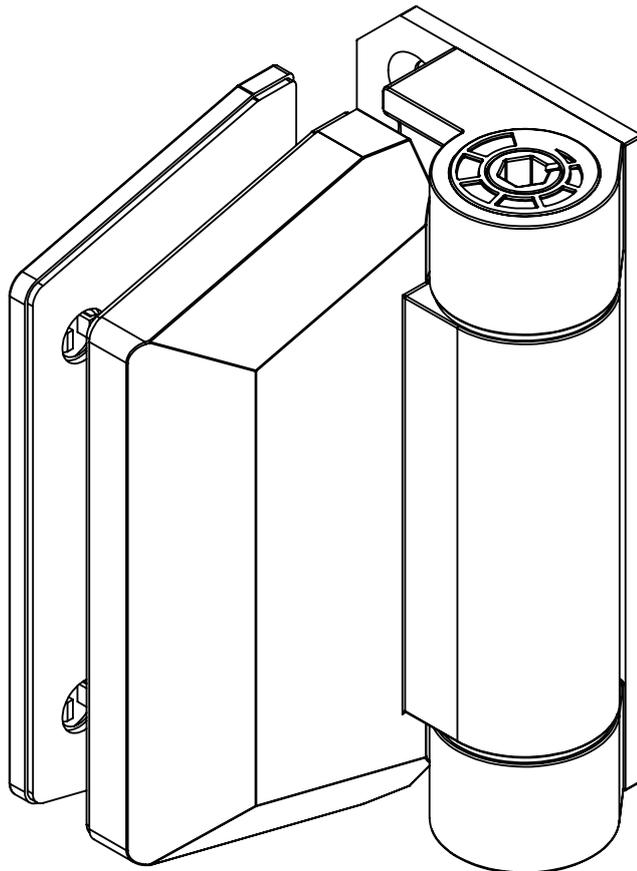


SIDE VIEW

RETRO FIT

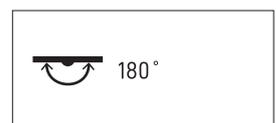
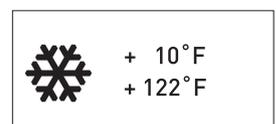
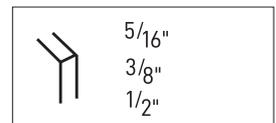
# 155 SERIES POOL HINGE

## GLASS TO WALL/SQUARE POST



### FINISHES AND FUNCTIONS

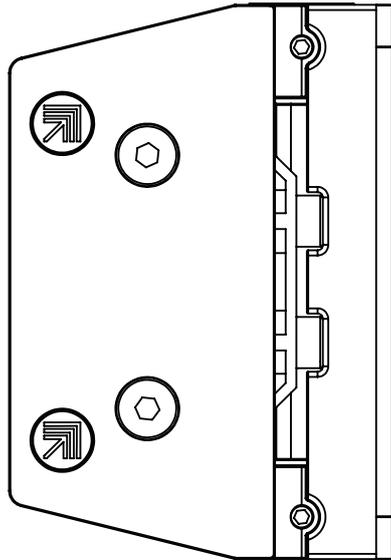
- 2205 GRADE STAINLESS STEEL
- 3 SURFACE FINISHES
- SIMPLE *QUIK-ADJUST* RATCHET SYSTEM
- SINGLE ACTION
- SOFT CLOSE
- NON-HOLD OPEN
- SAFETY CAP INCLUDED



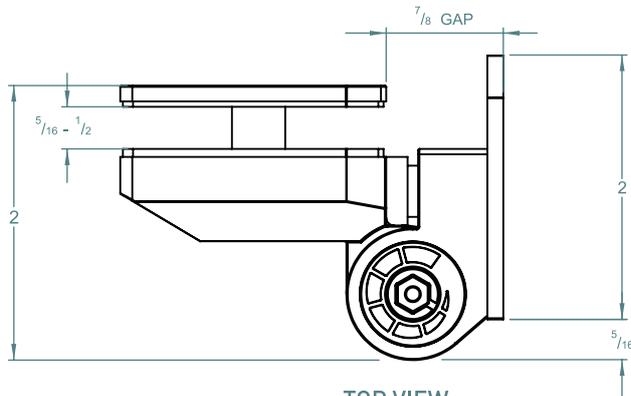
### 155 SERIES POOL HINGE

- SELF-CLOSING SAFETY HINGE FOR GLASS POOL FENCING
- TO BE USED WITH CHILD PROOF SAFETY LATCH
- COMPLIES WITH AUSTRALIAN STANDARDS FOR POOL GATE HARDWARE
- NATA ACCREDITED AND INDEPENDENTLY TESTED TO 25 000 CYCLES (NATA = NATIONAL ASSOCIATION OF TESTING AUTHORITIES AUSTRALIA)

RETRO FIT



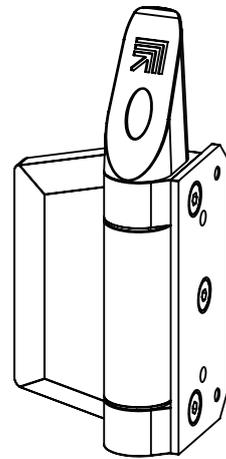
REAR VIEW



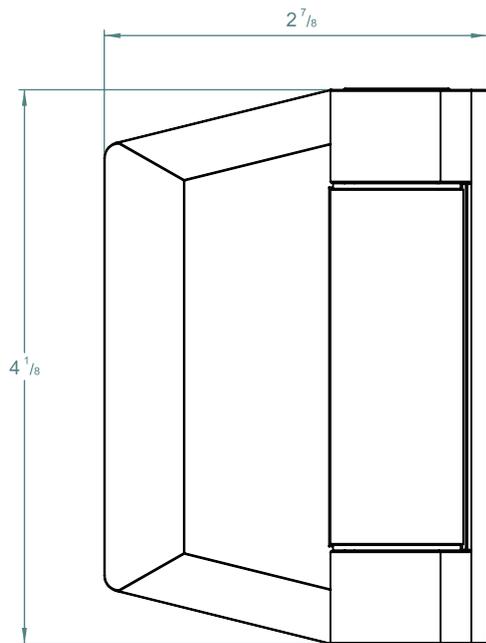
TOP VIEW

TO ORDER SPECIFY:

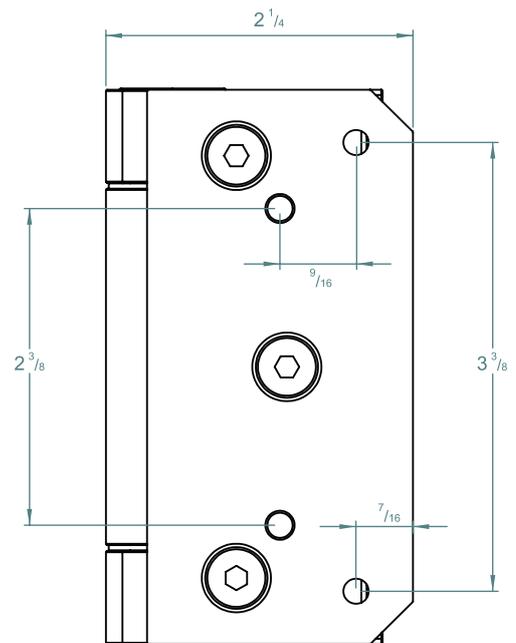
- 155WP POLISHED FINISH
- 155WS SATIN FINISH
- 155WB BLACK FINISH



INSTALLED SAFETY CAP



FRONT VIEW

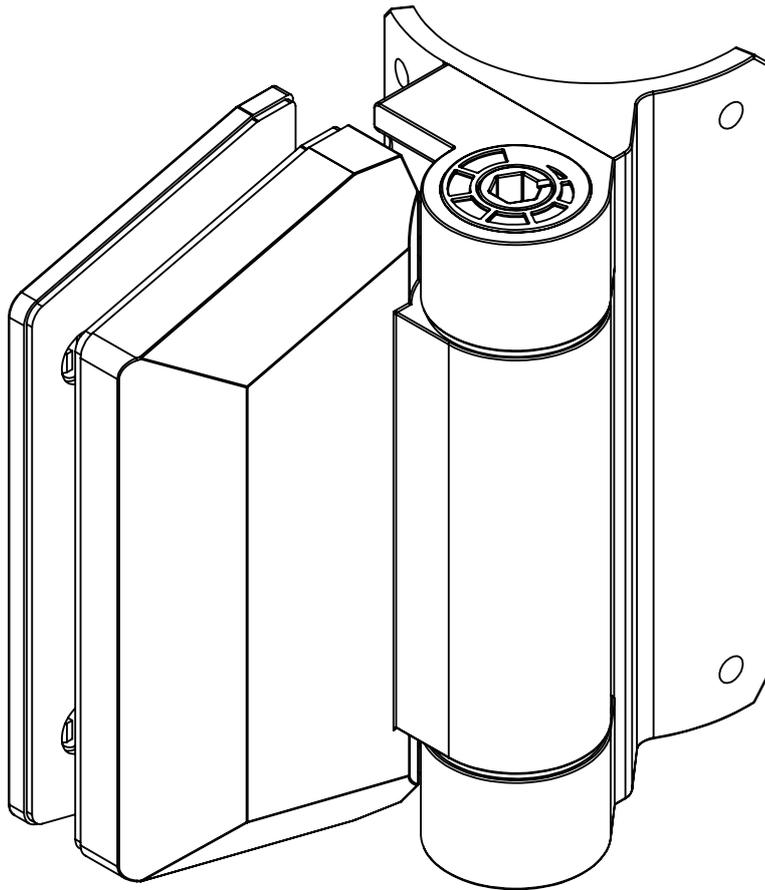


SIDE VIEW

RETRO FIT

# 155 SERIES POOL HINGE

## GLASS TO ROUND POST



### FINISHES AND FUNCTIONS

- 2205 GRADE STAINLESS STEEL
- 3 SURFACE FINISHES
- SIMPLE *QUIK-ADJUST* RATCHET SYSTEM
- SINGLE ACTION
- SOFT CLOSE
- NON-HOLD OPEN
- SAFETY CAP INCLUDED



5/16"  
3/8"  
1/2"



**MAX.**  
35" WIDE x  
59" HIGH



MAX 100 lbs



+ 10°F  
+ 122°F

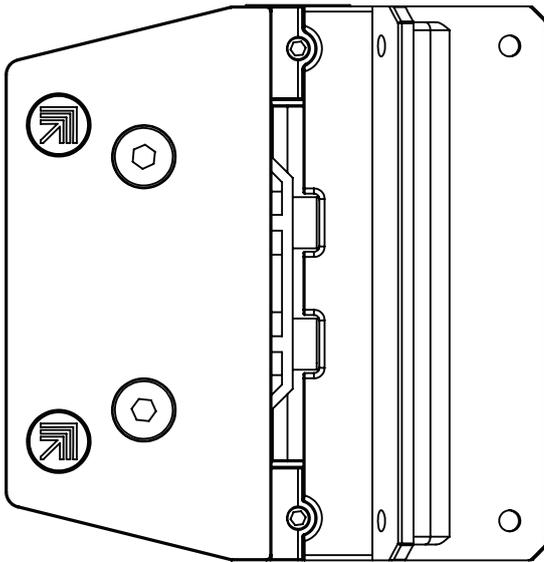


180°

### 155 SERIES POOL HINGE

- SELF-CLOSING SAFETY HINGE FOR GLASS POOL FENCING
- TO BE USED WITH CHILD PROOF SAFETY LATCH
- COMPLIES WITH AUSTRALIAN STANDARDS FOR POOL GATE HARDWARE
- NATA ACCREDITED AND INDEPENDENTLY TESTED TO 25 000 CYCLES (NATA = NATIONAL ASSOCIATION OF TESTING AUTHORITIES AUSTRALIA)

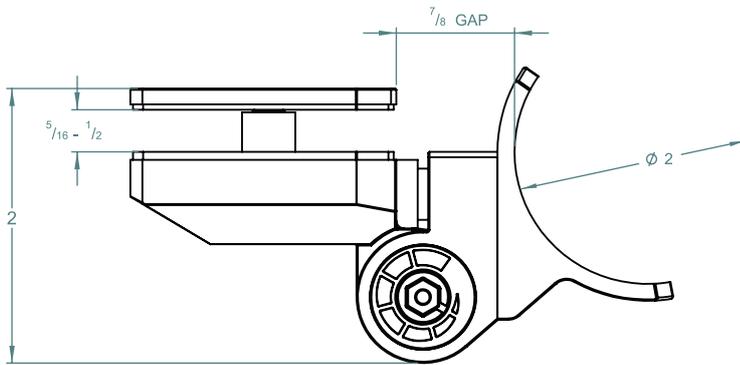
RETRO FIT



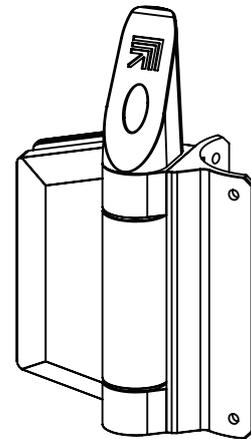
REAR VIEW

TO ORDER SPECIFY:

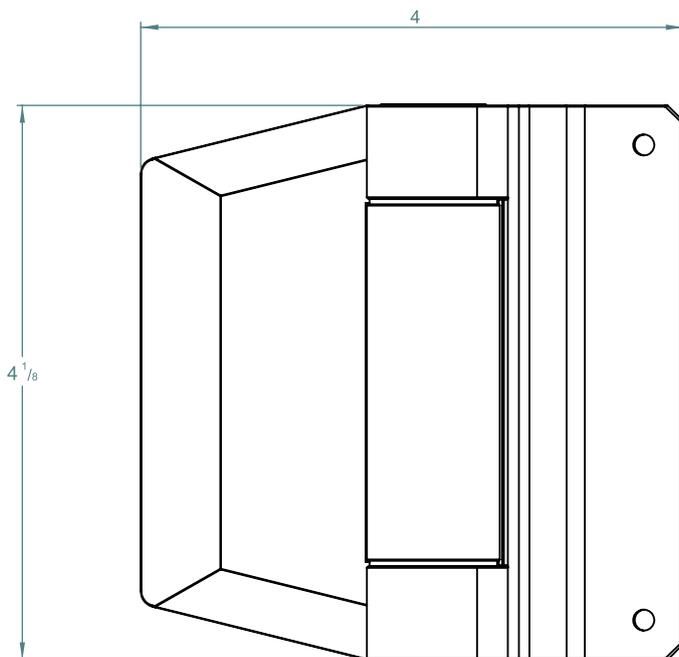
- 155RP POLISHED FINISH
- 155RS SATIN FINISH
- 155RB BLACK FINISH



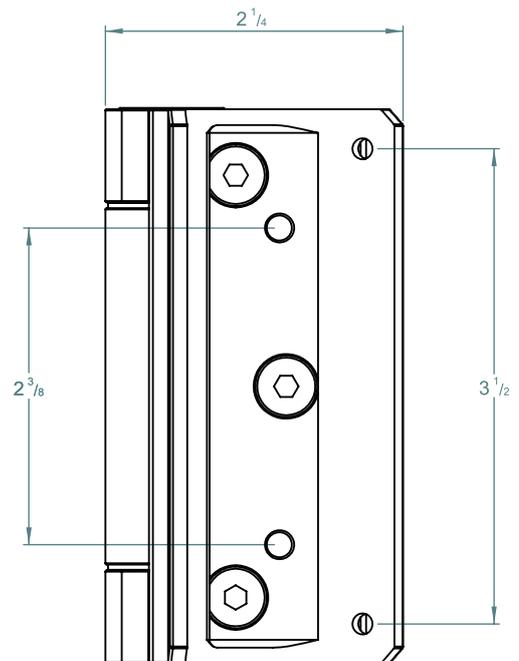
TOP VIEW



INSTALLED SAFETY CAP



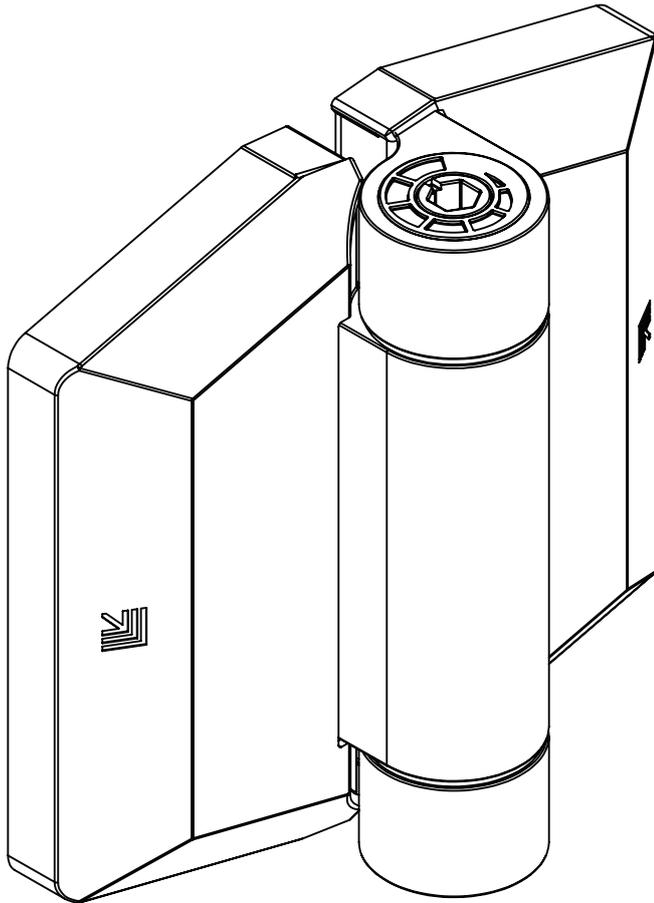
FRONT VIEW



SIDE VIEW

# 156 UTILITY HINGE

## SURFACE FIX

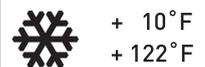


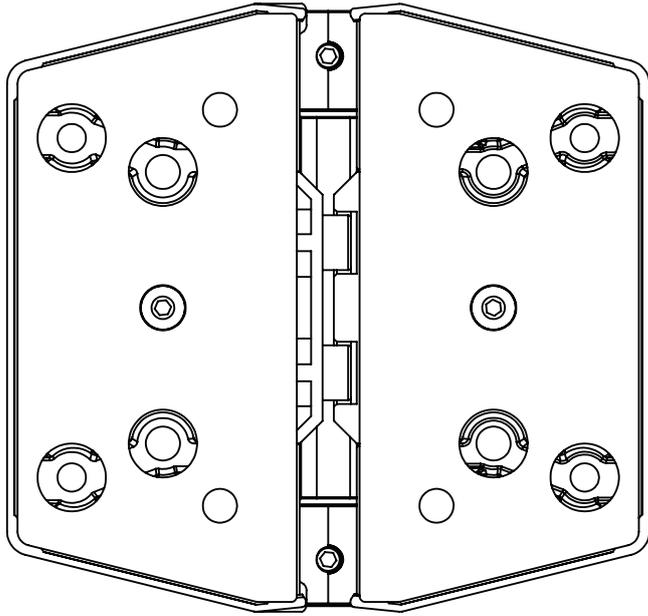
### 156 UTILITY HINGE

- SELF-CLOSING SAFETY HINGE FOR MANY FENCE TYPES
- NATA ACCREDITED AND INDEPENDENTLY TESTED TO 25 000 CYCLES (NATA = NATIONAL ASSOCIATION OF TESTING AUTHORITIES AUSTRALIA)

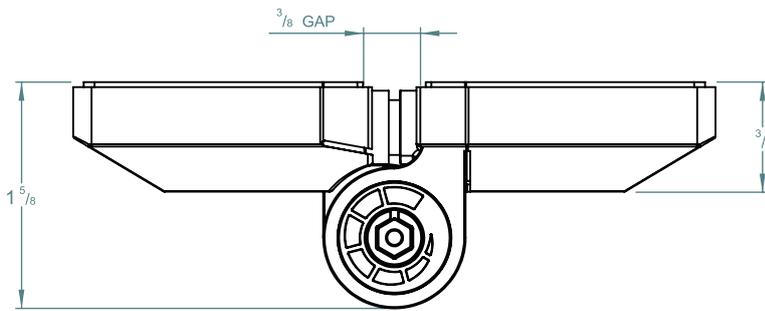
### FINISHES AND FUNCTIONS

- 2205 GRADE STAINLESS STEEL
- FASTENER COVERS (PAINTABLE)
- SIMPLE *QUIK-ADJUST* RATCHET SYSTEM
- SINGLE ACTION
- SOFT CLOSE
- NON-HOLD OPEN

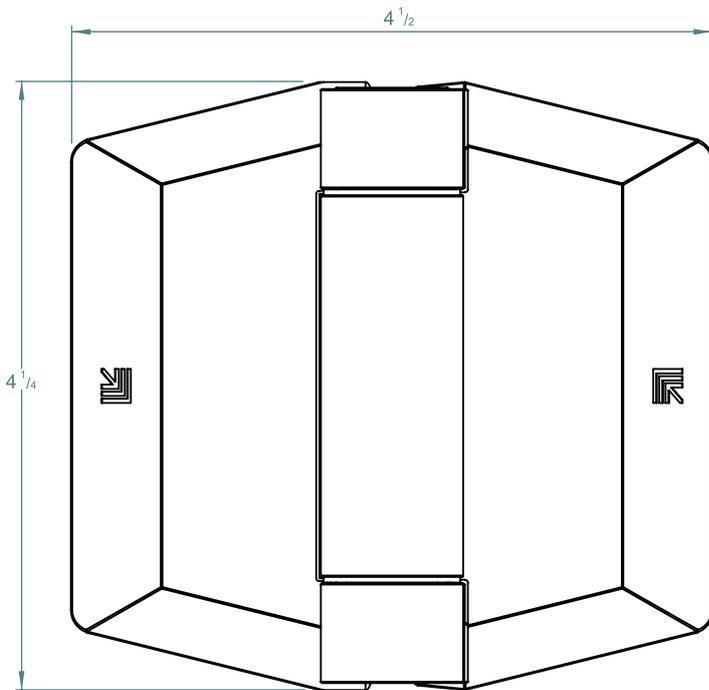




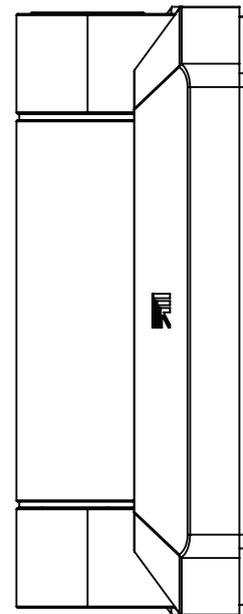
REAR VIEW



TOP VIEW



FRONT VIEW



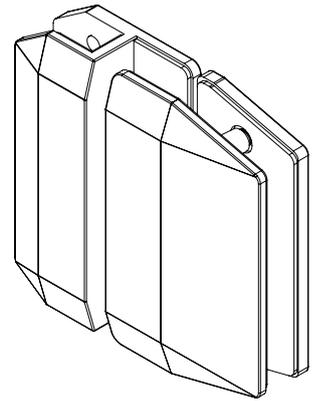
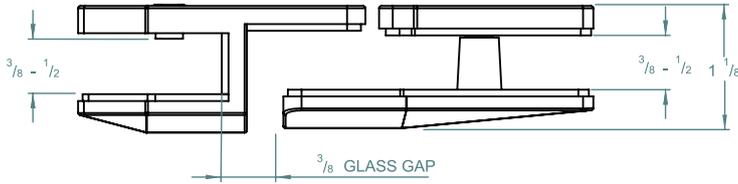
SIDE VIEW

TO ORDER SPECIFY:

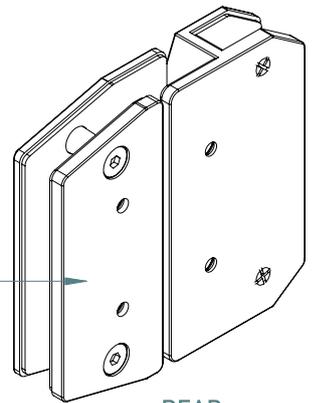
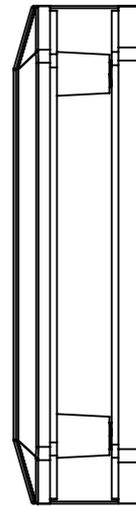
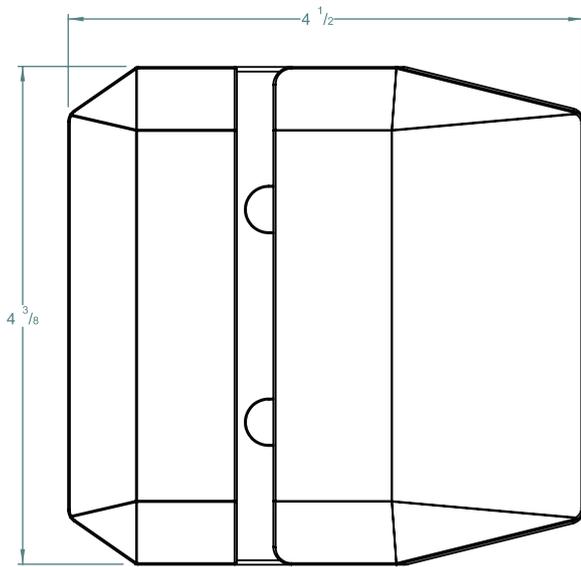
- 156SL STANDARD FINISH
- STAINLESS COVERS & VARIOUS ADAPTERS AVAILABLE SEPARATELY

# LATCH GLASS TO GLASS 180°

**TO ORDER SPECIFY:**  
**601GP** POLISHED FINISH  
**601GS** SATIN FINISH  
**601GB** BLACK FINISH  
**POLYMER SIDE PULL**  
**LSP** BLACK ONLY

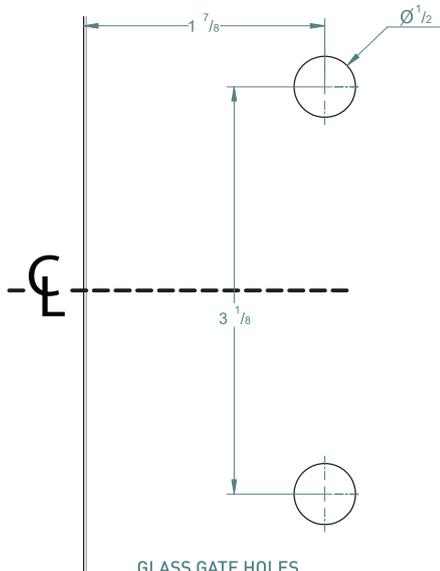


FRONT ISOMETRIC VIEW

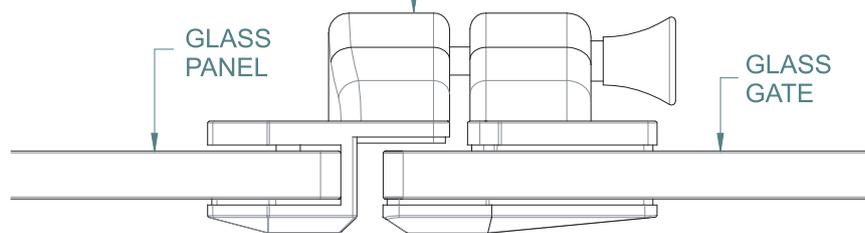


REAR ISOMETRIC VIEW

FITS SIDE PULLS:  
 \* NATIONWIDE INDUSTRIES  
 \* DOWNEE  
 \* D&D TECHNOLOGIES



GLASS GATE HOLES

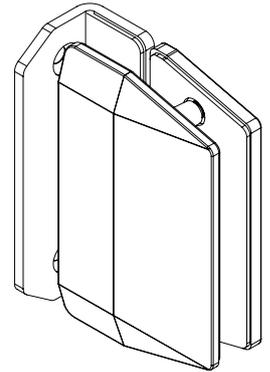
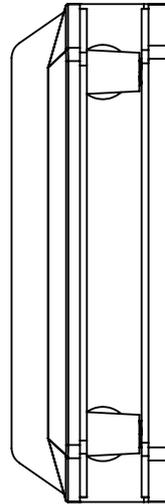
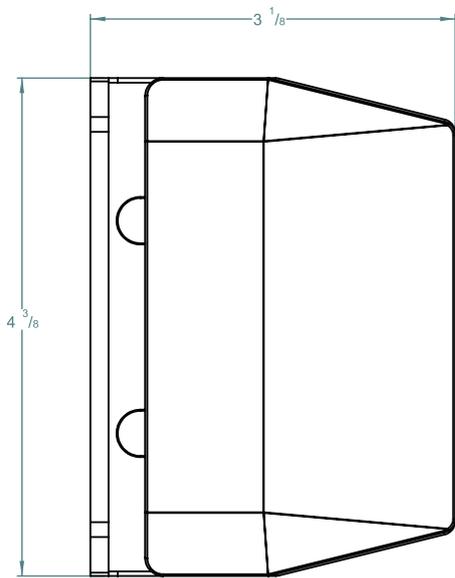
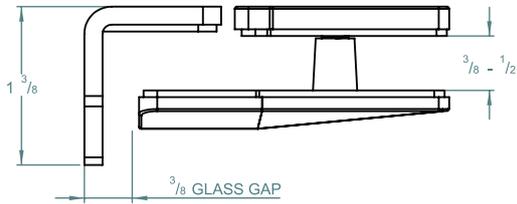


TOP VIEW

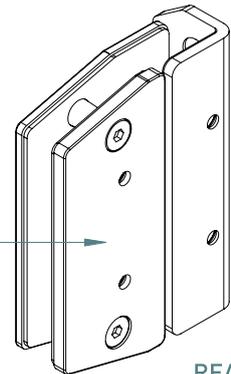
# LATCH GLASS TO WALL

**TO ORDER SPECIFY:**  
601WP POLISHED FINISH  
601WS SATIN FINISH  
601WB BLACK FINISH

**POLYMER SIDE PULL**  
LSP BLACK ONLY

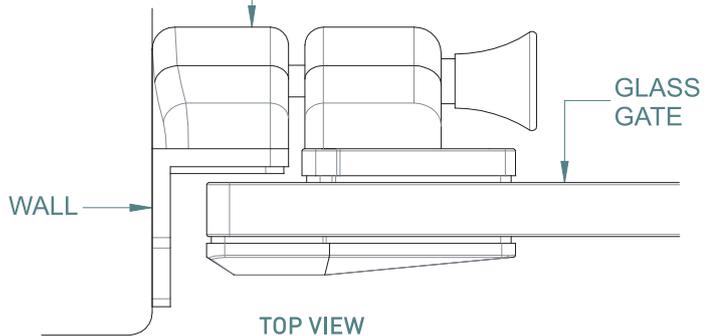
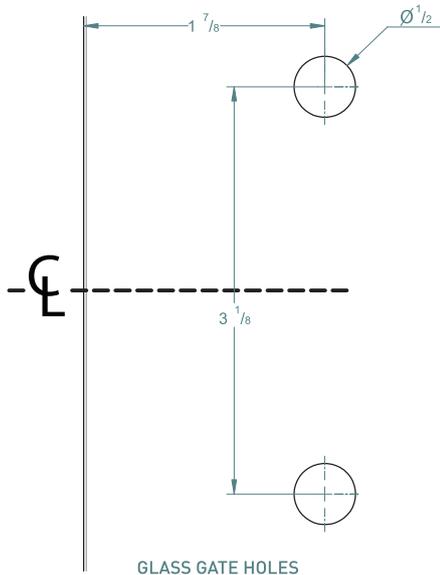


FRONT ISOMETRIC VIEW



REAR ISOMETRIC VIEW

FITS SIDE PULLS:  
 \* NATIONWIDE INDUSTRIES  
 \* DOWNEE  
 \* D&D TECHNOLOGIES



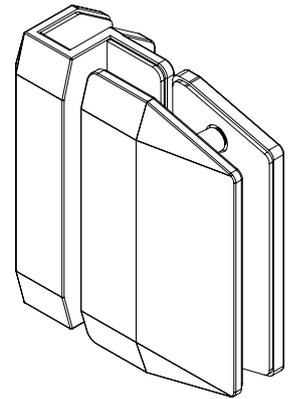
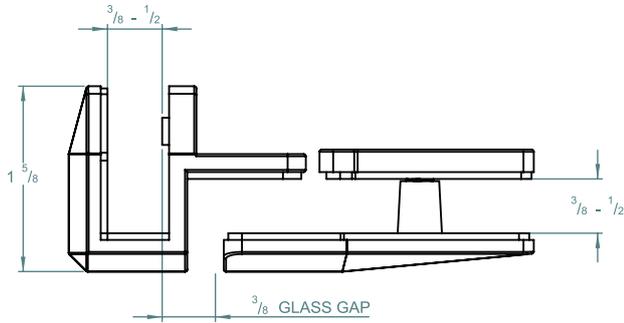
# LATCH GLASS TO GLASS 90°

**TO ORDER SPECIFY:**

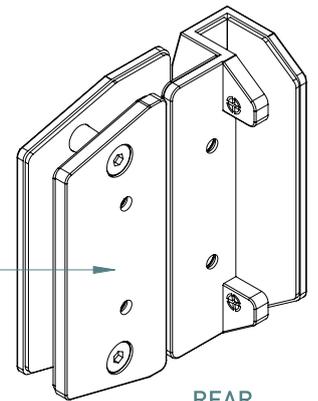
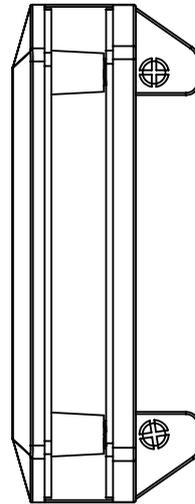
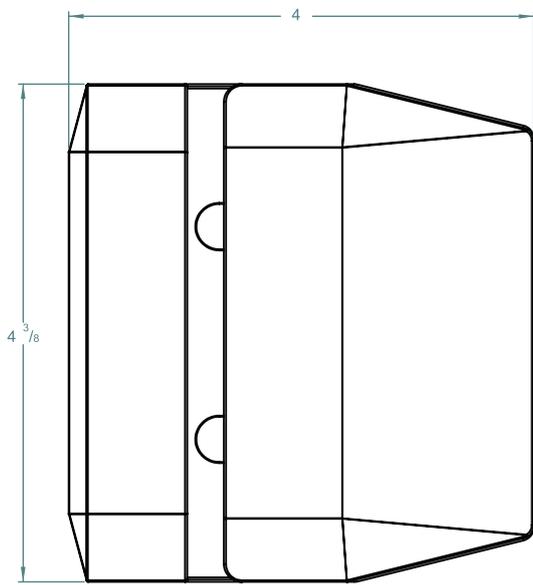
- 601G90P POLISHED FINISH
- 601G90S SATIN FINISH
- 601G90B BLACK FINISH

**POLYMER SIDE PULL**

LSP BLACK ONLY

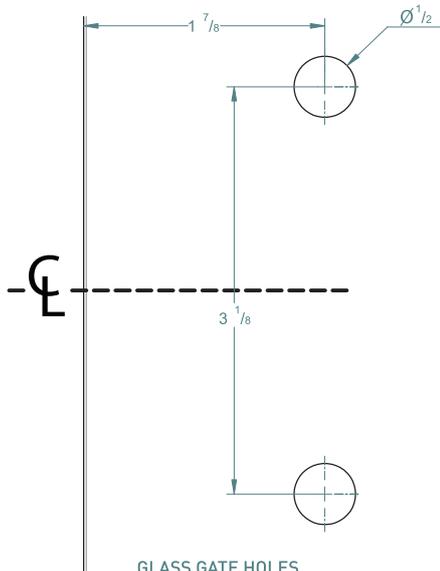


FRONT ISOMETRIC VIEW

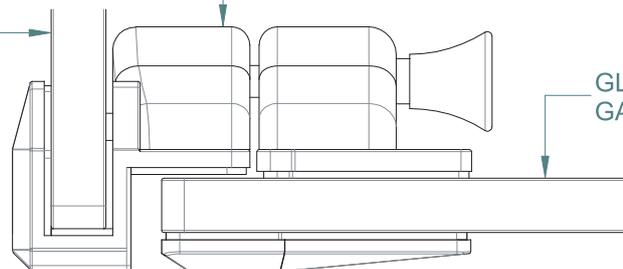


REAR ISOMETRIC VIEW

FITS SIDE PULLS:  
 \* NATIONWIDE INDUSTRIES  
 \* DOWNEE  
 \* D&D TECHNOLOGIES



GLASS PANEL



GLASS GATE

TOP VIEW

# LATCH GLASS TO GLASS REVERSE 90°

**TO ORDER SPECIFY:**

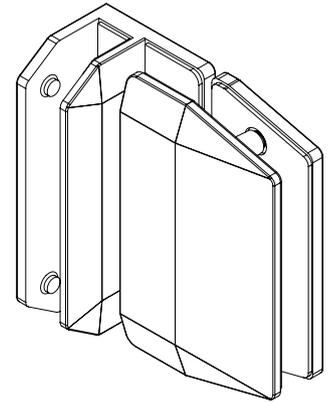
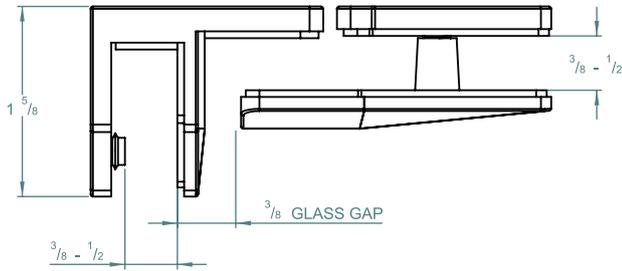
601G90RP POLISHED FINISH

601G90RS SATIN FINISH

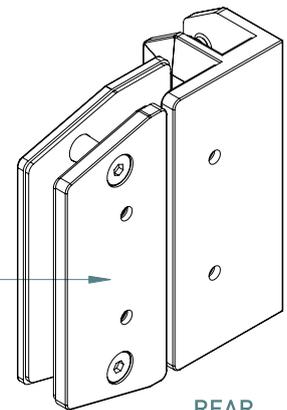
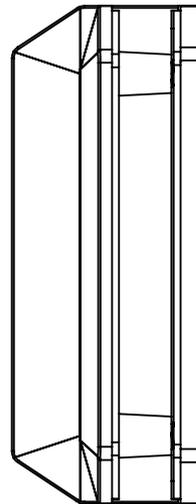
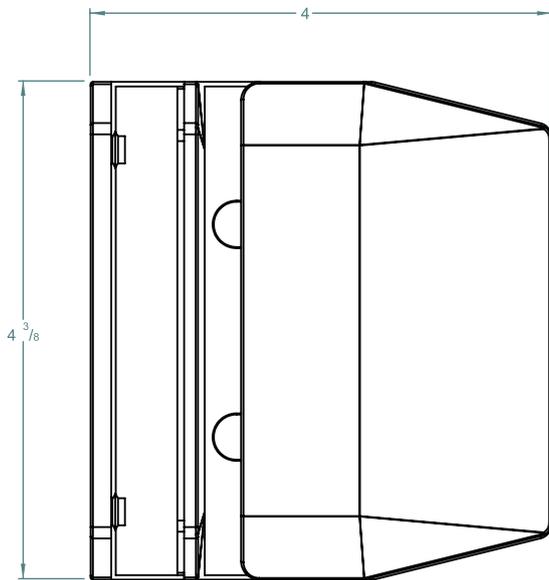
601G90RB BLACK FINISH

**POLYMER SIDE PULL**

LSP BLACK ONLY

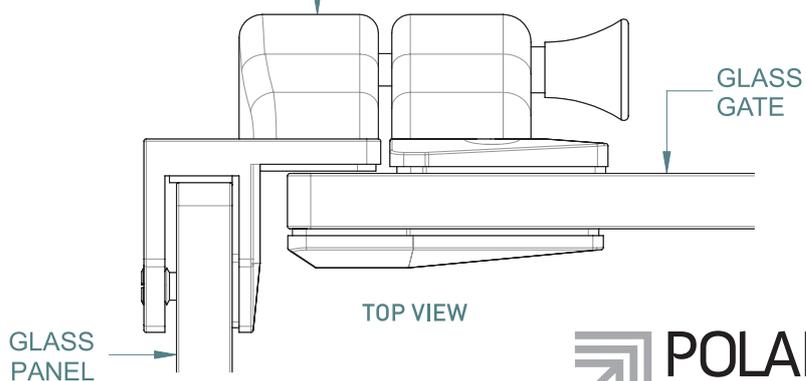
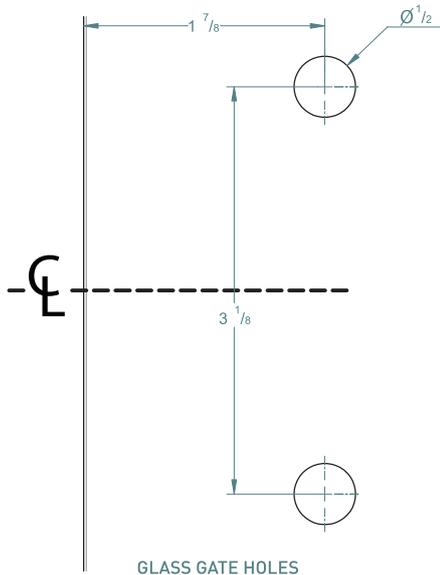


FRONT ISOMETRIC VIEW



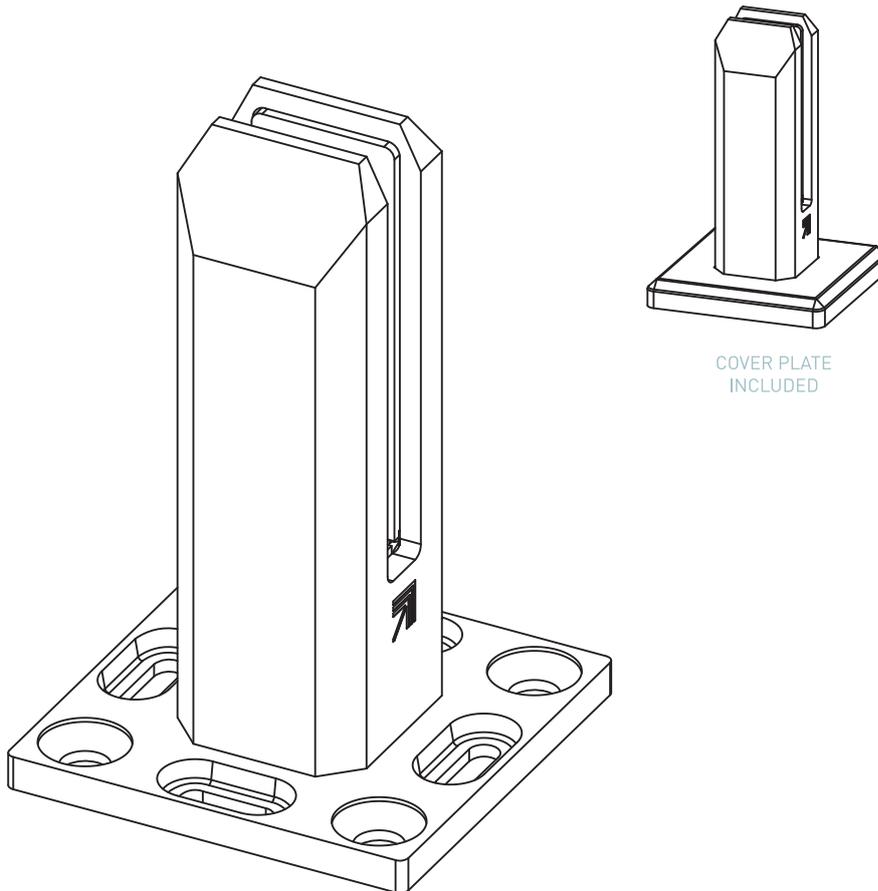
REAR ISOMETRIC VIEW

FITS SIDE PULLS:  
 \* NATIONWIDE INDUSTRIES  
 \* DOWNEE  
 \* D&D TECHNOLOGIES



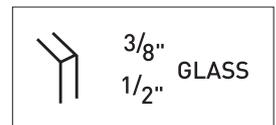
# SPIGOT - BASE PLATE

## GLASS PANELS



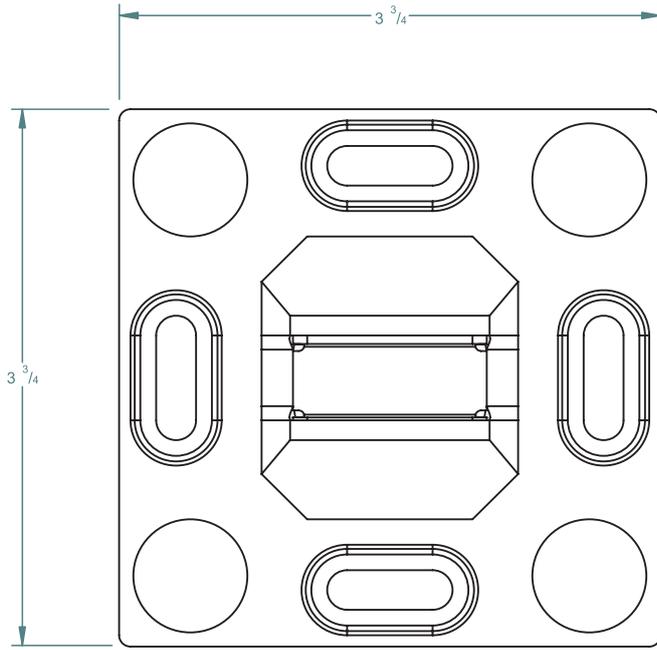
### FINISHES AND FUNCTIONS

- 2205 GRADE STAINLESS STEEL
- POLISHED FINISH
- SATIN FINISH
- BLACK FINISH



### ADVANTAGES

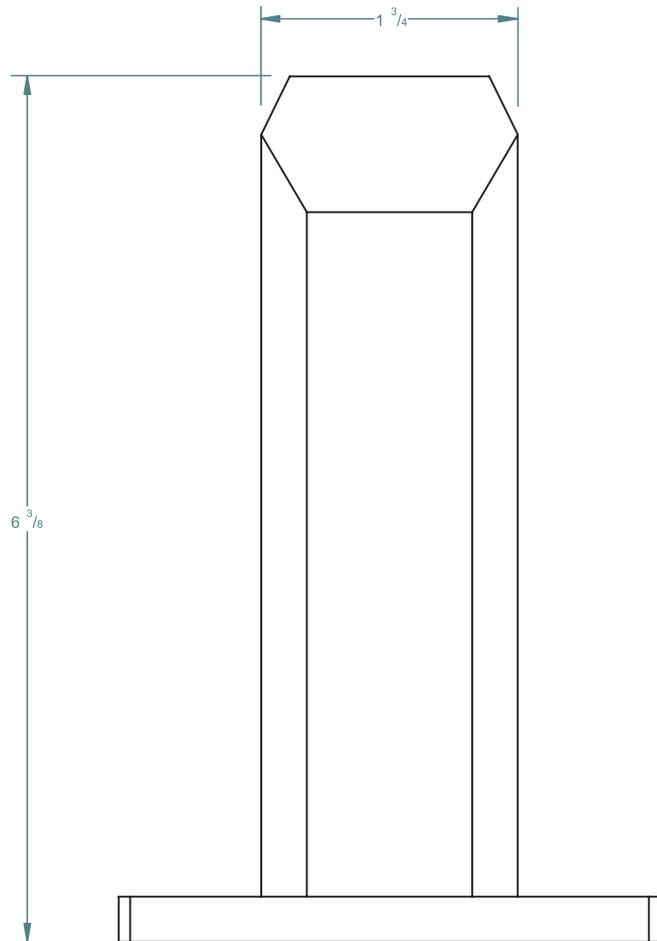
- CONTEMPORARY DESIGN WITH MINIMAL VISIBLE FIXINGS AT REAR
- 1.75" FRONT FACE PROFILE
- TAPERED TOP TO COMPLY WITH 'NO TOE HOLD' REQUIREMENTS
- CENTRAL SCREW HOLE FOR TEMPORARY ALIGNMENT AT INSTALLATION
- BASE PLATE FEATURES 4x CSK ANCHOR HOLES, AS WELL AS 4x OPTIONAL SLOTS FOR INSTALL ALIGNMENT
- RECESSED FRICTION PLATE PROVIDES A NEAT FINISH AND EASY INSTALLATION



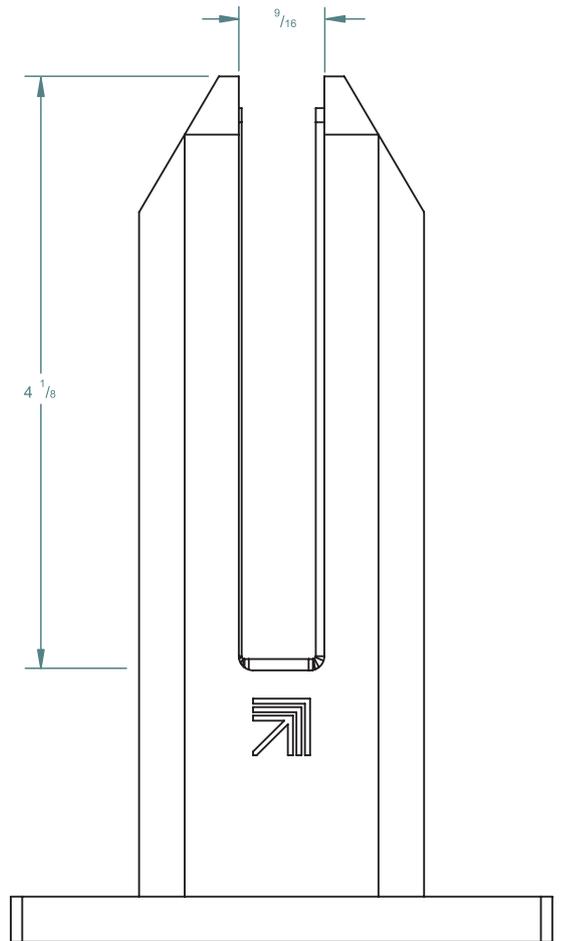
TOP VIEW

TO ORDER SPECIFY:

- SP4P POLISHED FINISH
- SP4S SATIN FINISH
- SP4B BLACK FINISH

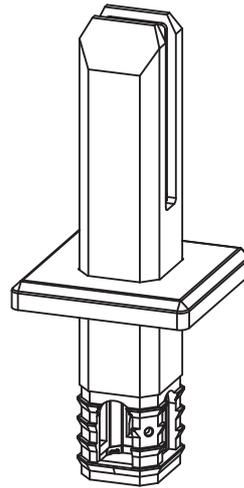
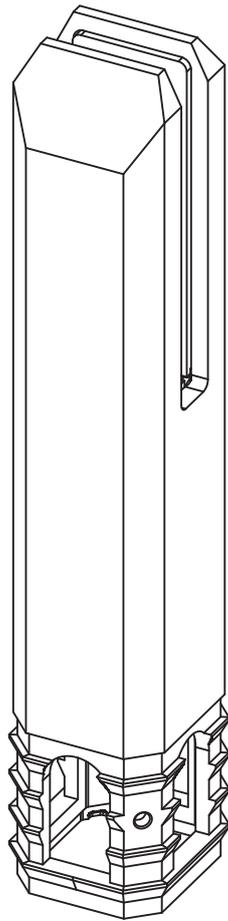


FRONT VIEW



SIDE VIEW

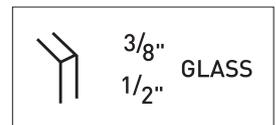
# SPIGOT - CORE DRILL GLASS PANELS



COVER PLATE  
INCLUDED

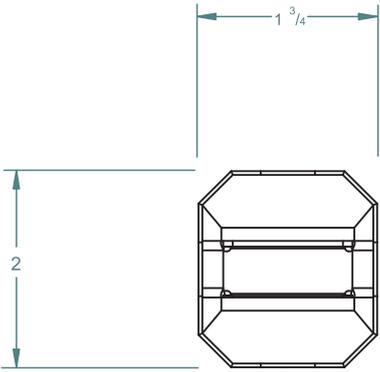
## FINISHES AND SPEC.

- 2205 GRADE STAINLESS STEEL
- POLISHED FINISH
- SATIN FINISH
- BLACK FINISH



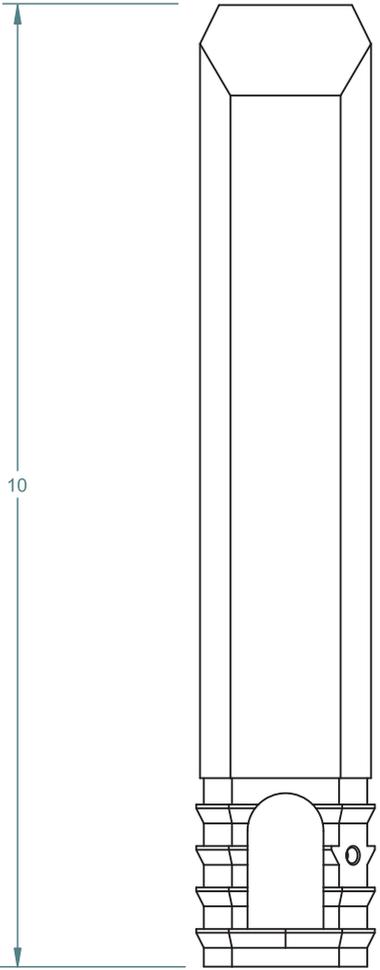
## ADVANTAGES

- CONTEMPORARY DESIGN WITH MINIMAL VISIBLE FIXINGS AT REAR
- 1.75" FRONT FACE PROFILE
- TAPERED TOP TO COMPLY WITH 'NO TOE HOLD' REQUIREMENTS
- INTERNAL RECESSED FRICTION PLATE PROVIDES A NEAT FINISH AND EASY INSTALLATION
- BOTTOM OF SPIGOT HAS LARGE RIBS FOR MAXIMUM HOLD AS WELL AS AN EARTHING POINT IF REQUIRED
- ALSO PROVIDED IS AN EARTHING SCREW POINT AT THE BOTTOM IF REQUIRED

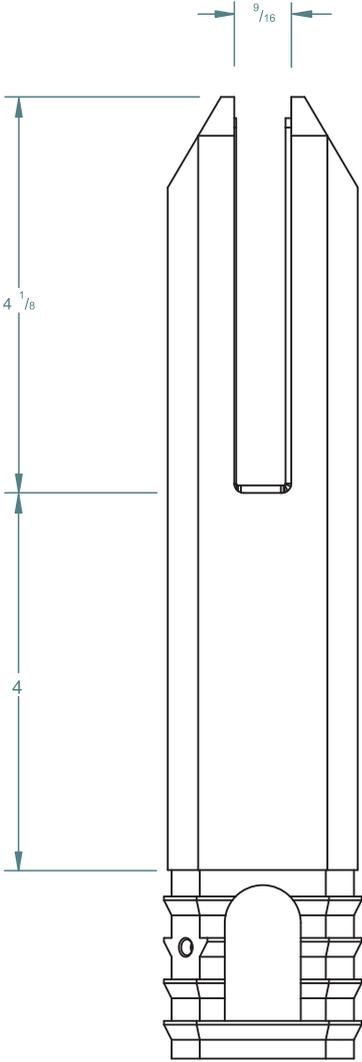


TOP VIEW

- TO ORDER SPECIFY:
- SP3P POLISHED FINISH
  - SP3S SATIN FINISH
  - SP3B BLACK FINISH



FRONT VIEW

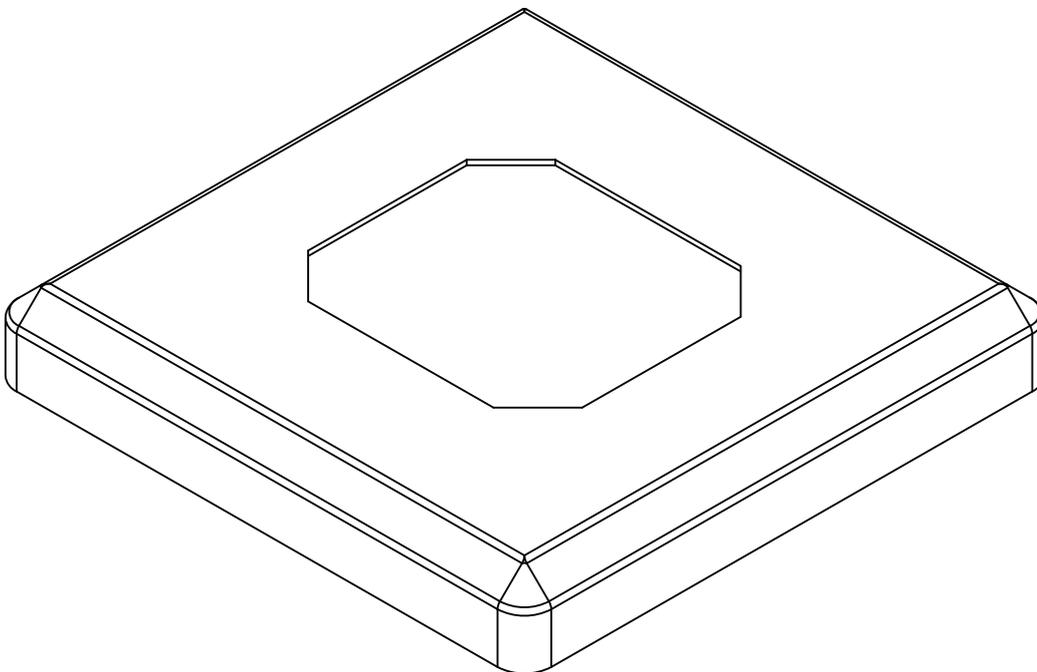


SIDE VIEW

# SPIGOT - COVER PLATE GLASS PANELS

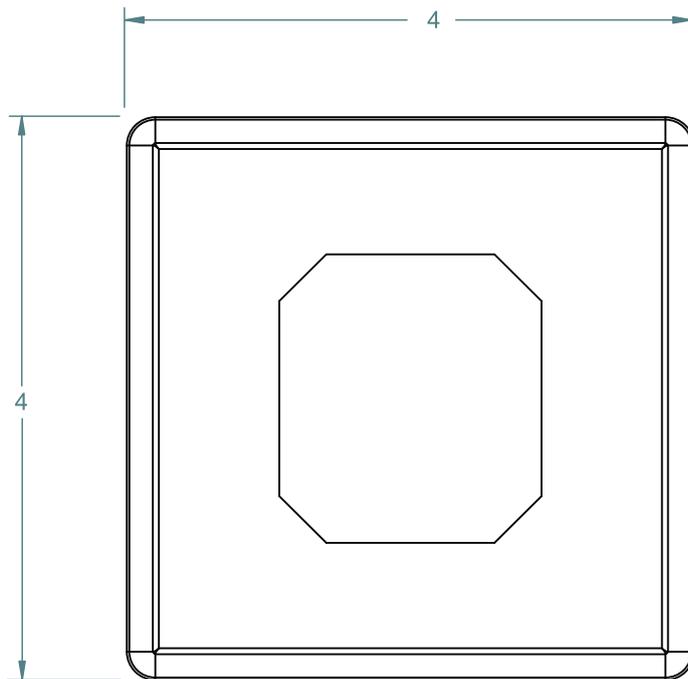
## FINISHES AND FUNCTIONS

- FITS BOTH OF THE SPIGOT MODELS
- 304 GRADE STAINLESS STEEL
- POLISHED FINISH
- SATIN FINISH
- BLACK FINISH

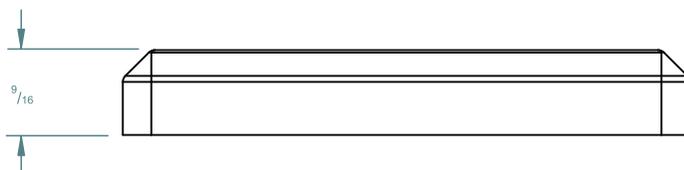


TO ORDER SPECIFY:

- CP3P POLISHED FINISH
- CP3S SATIN FINISH
- CP3B BLACK FINISH



TOP VIEW

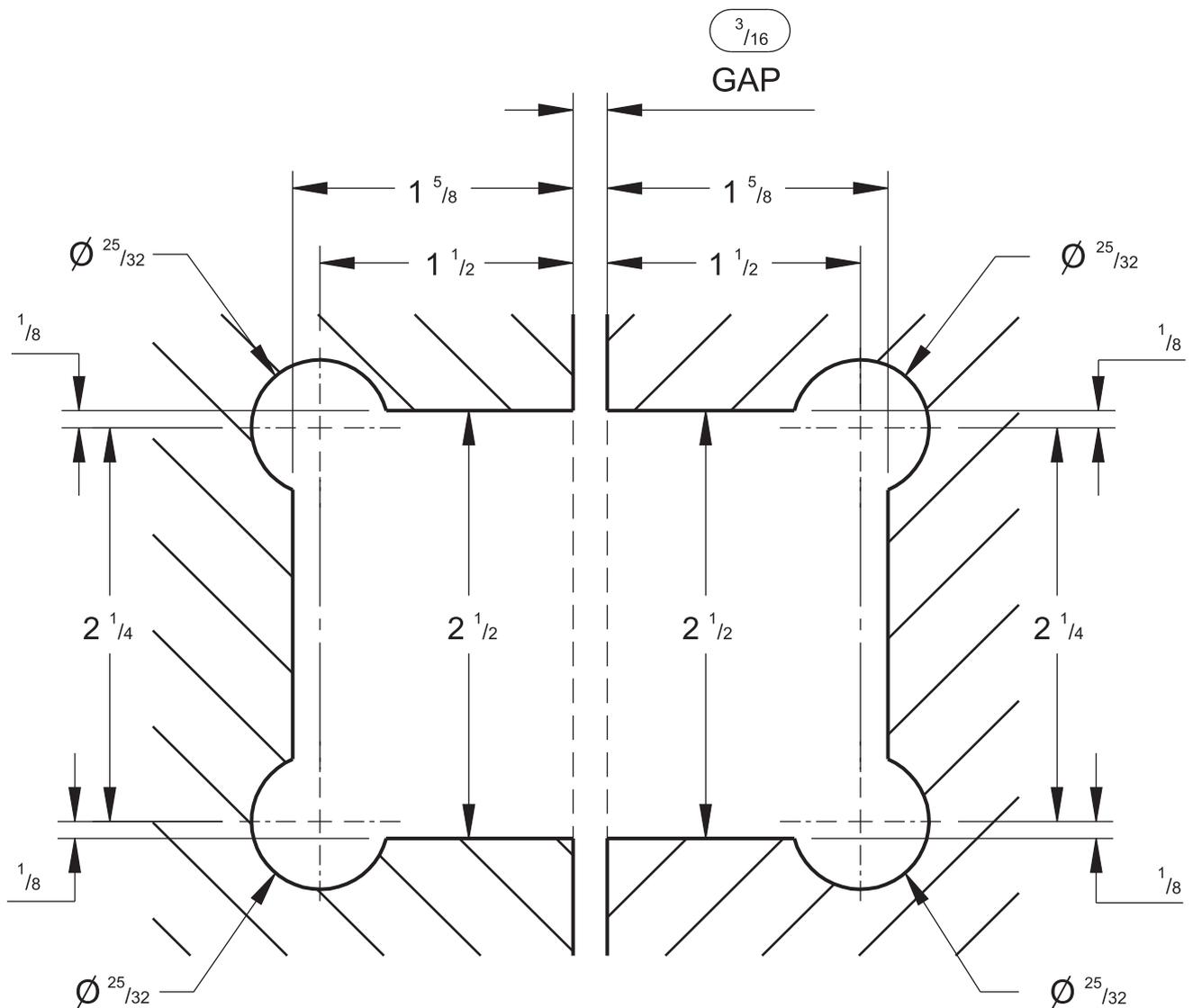


FRONT VIEW

# GLASS PREPARATION

## 125 HINGE

### GLASS TO GLASS

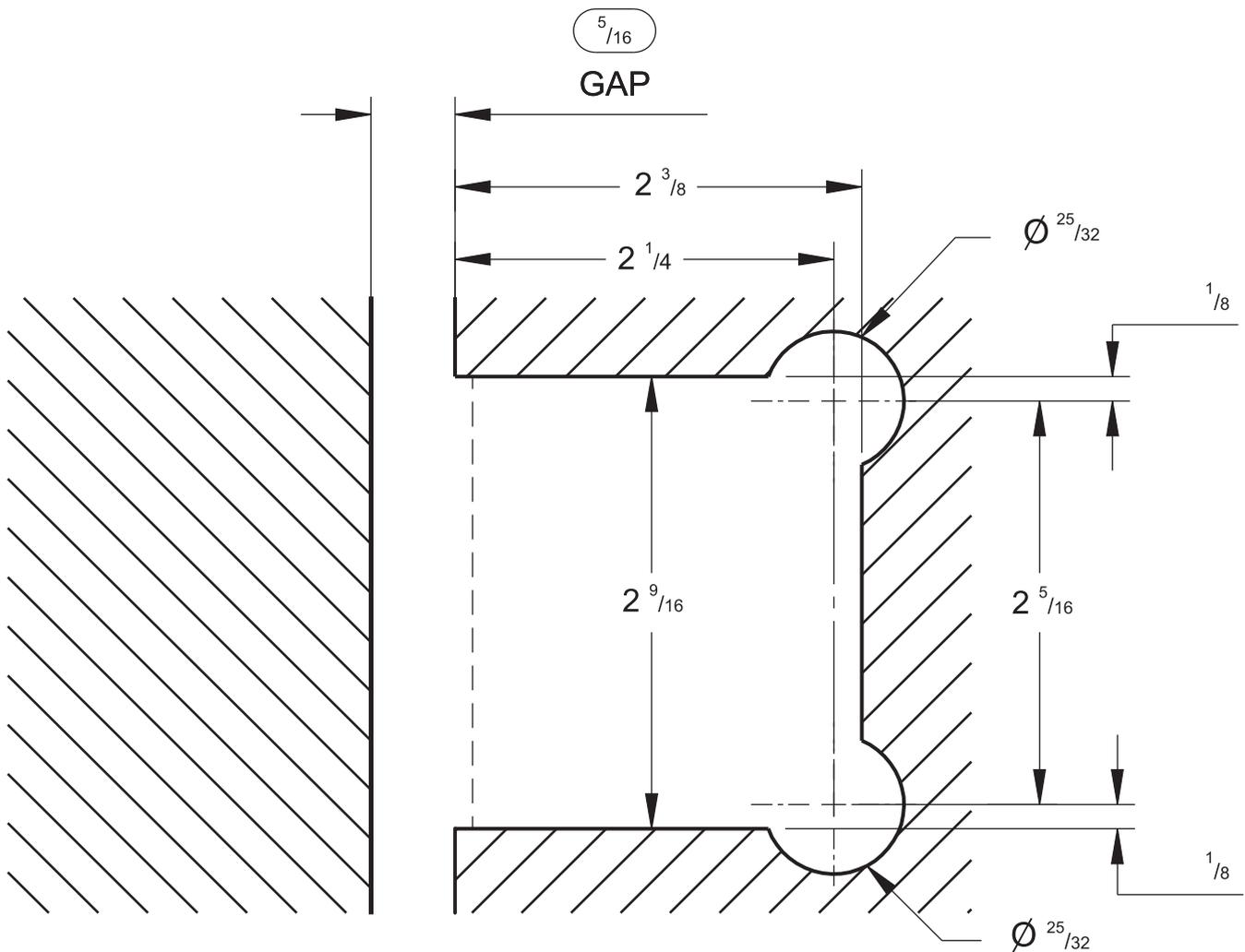


GLASS CUT-OUT TOP AND BOTTOM

# GLASS PREPARATION

## 125 HINGE

### GLASS TO WALL/POSTS

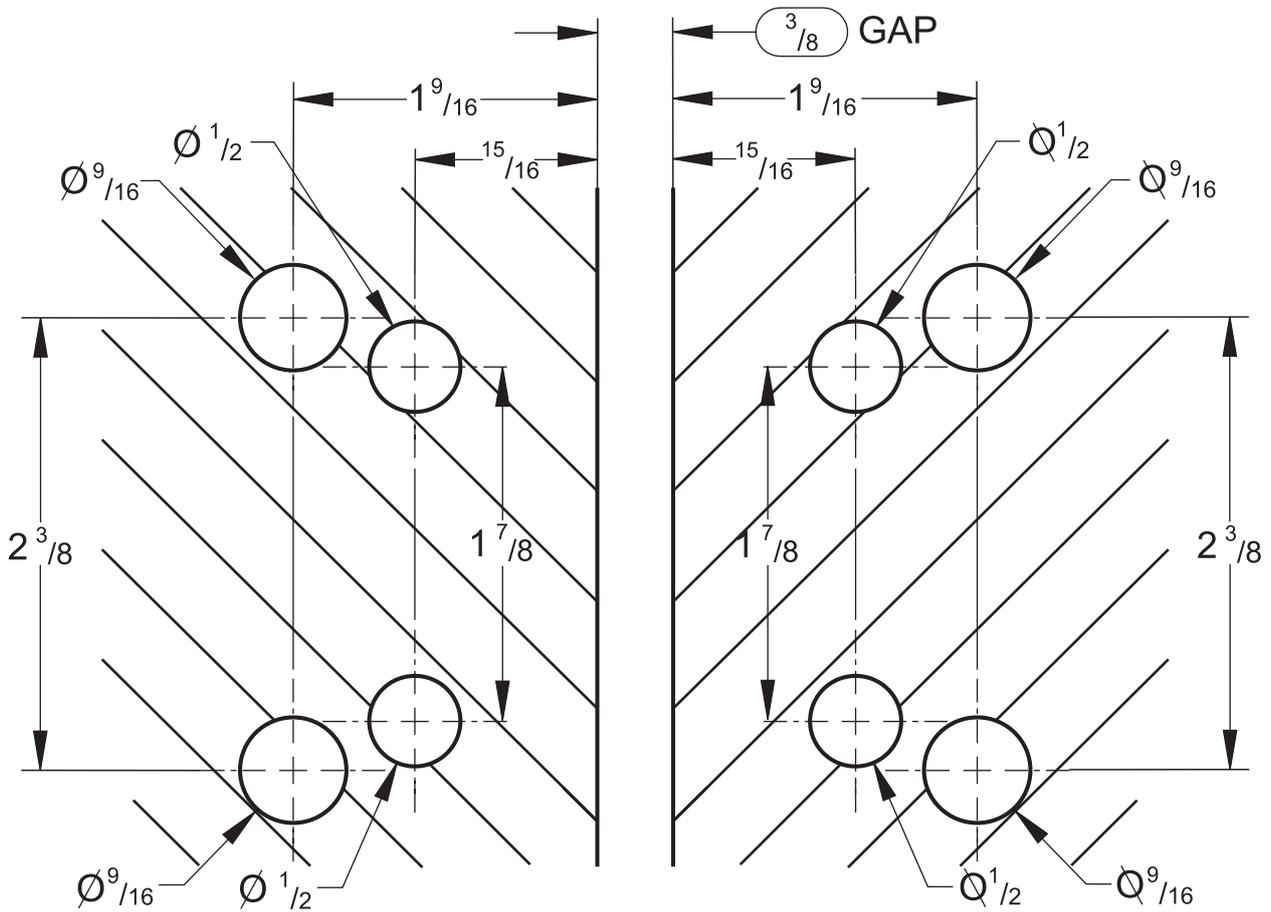


GLASS CUT-OUT TOP AND BOTTOM

# GLASS PREPARATION

## 155 HINGE

### GLASS TO GLASS

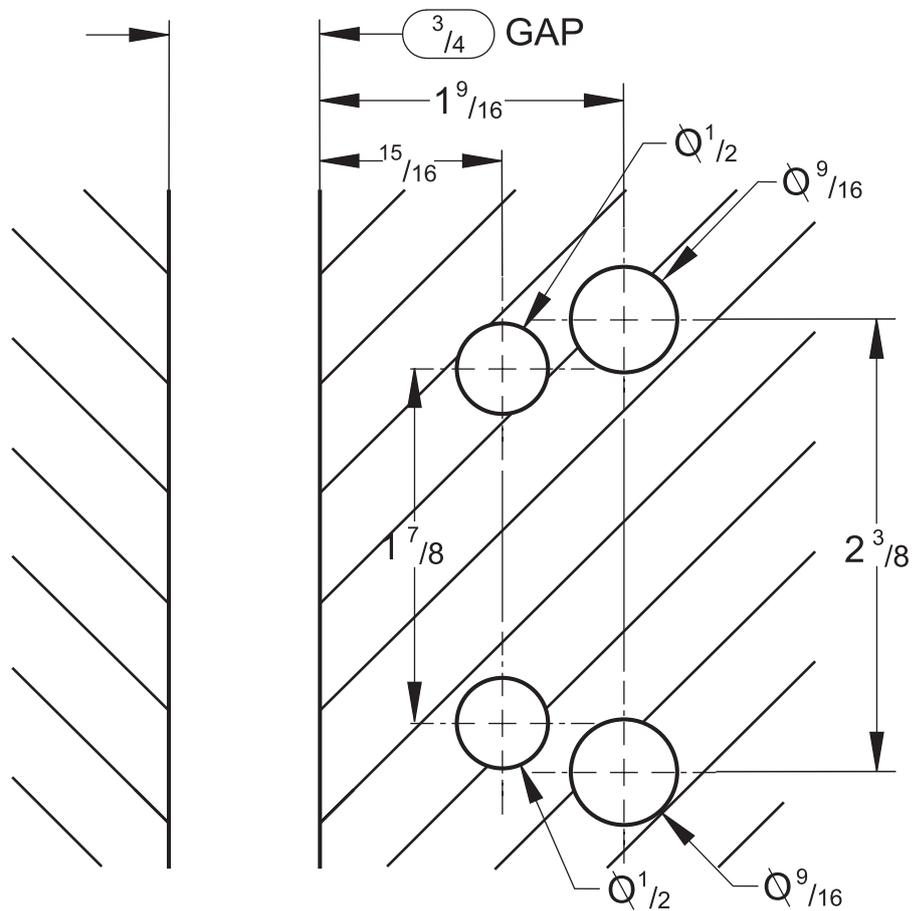


GLASS CUT-OUT TOP AND BOTTOM  
(ALL DIMENSIONS IN IMPERIAL)

# GLASS PREPARATION

## 155 HINGE

### GLASS TO WALL/POSTS

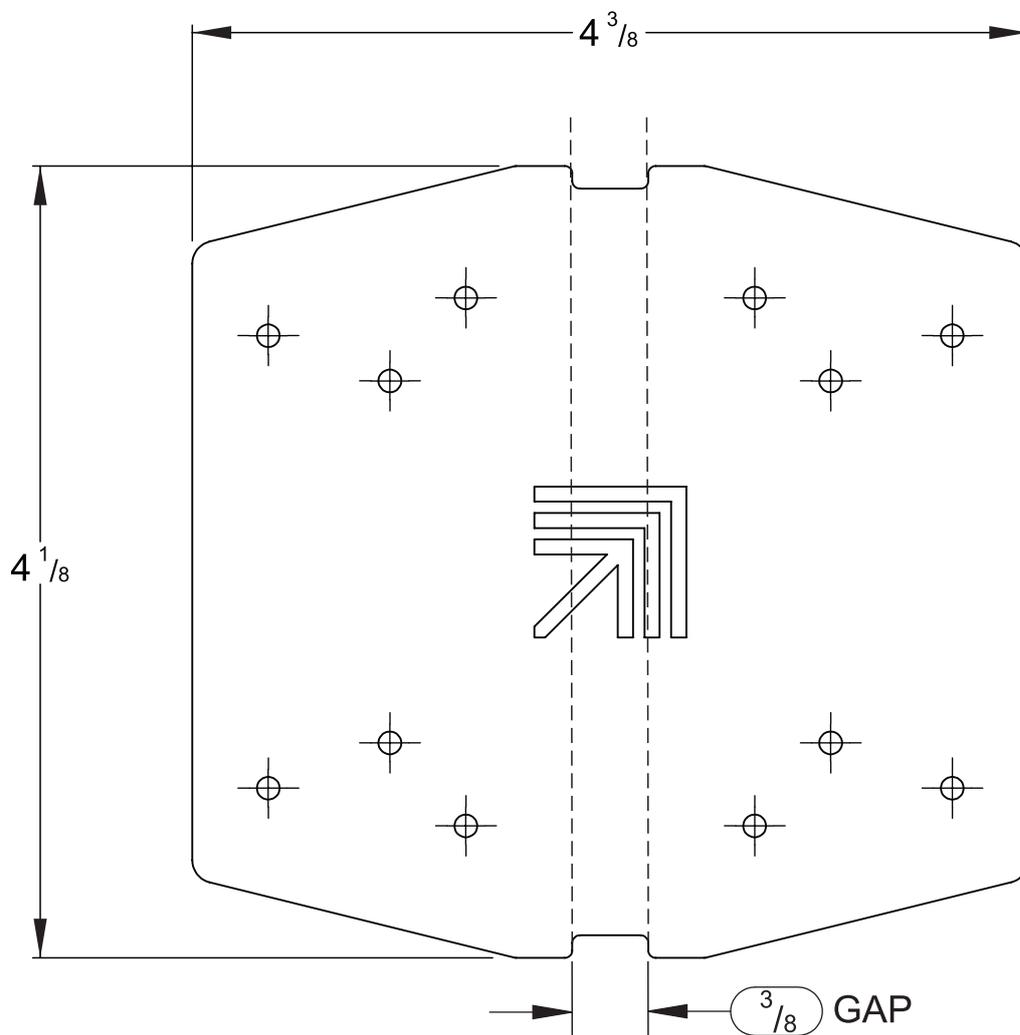


GLASS CUT-OUT TOP AND BOTTOM  
(ALL DIMENSIONS IN IMPERIAL)

# INSTALL TEMPLATE

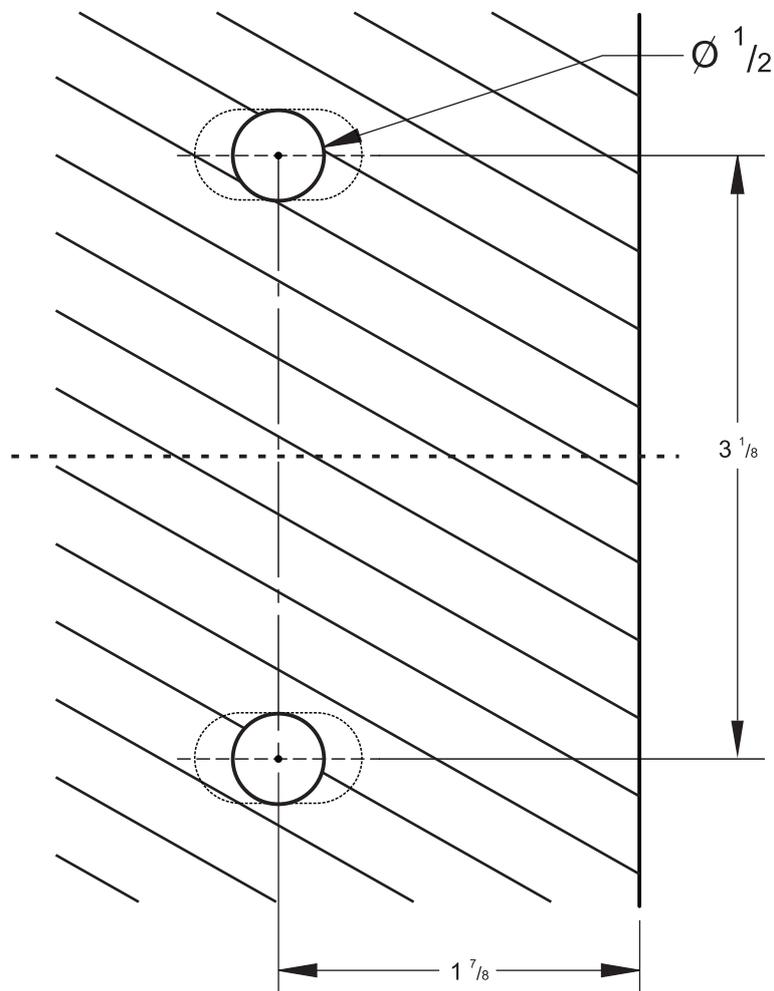
## 156 HINGE

### SURFACE FIX



PILOT HOLE TEMPLATE  
(ALL DIMENSIONS IN MILLIMETERS)

# GLASS PREPARATION 600 SERIES LATCH HOLES GLASS GATES/DOORS



GLASS HOLES AT TOP

# GLASS HARDWARE AUSTRALIA

6/4 STOCKYARD PLACE  
WEST GOSFORD NSW 2250  
AUSTRALIA

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