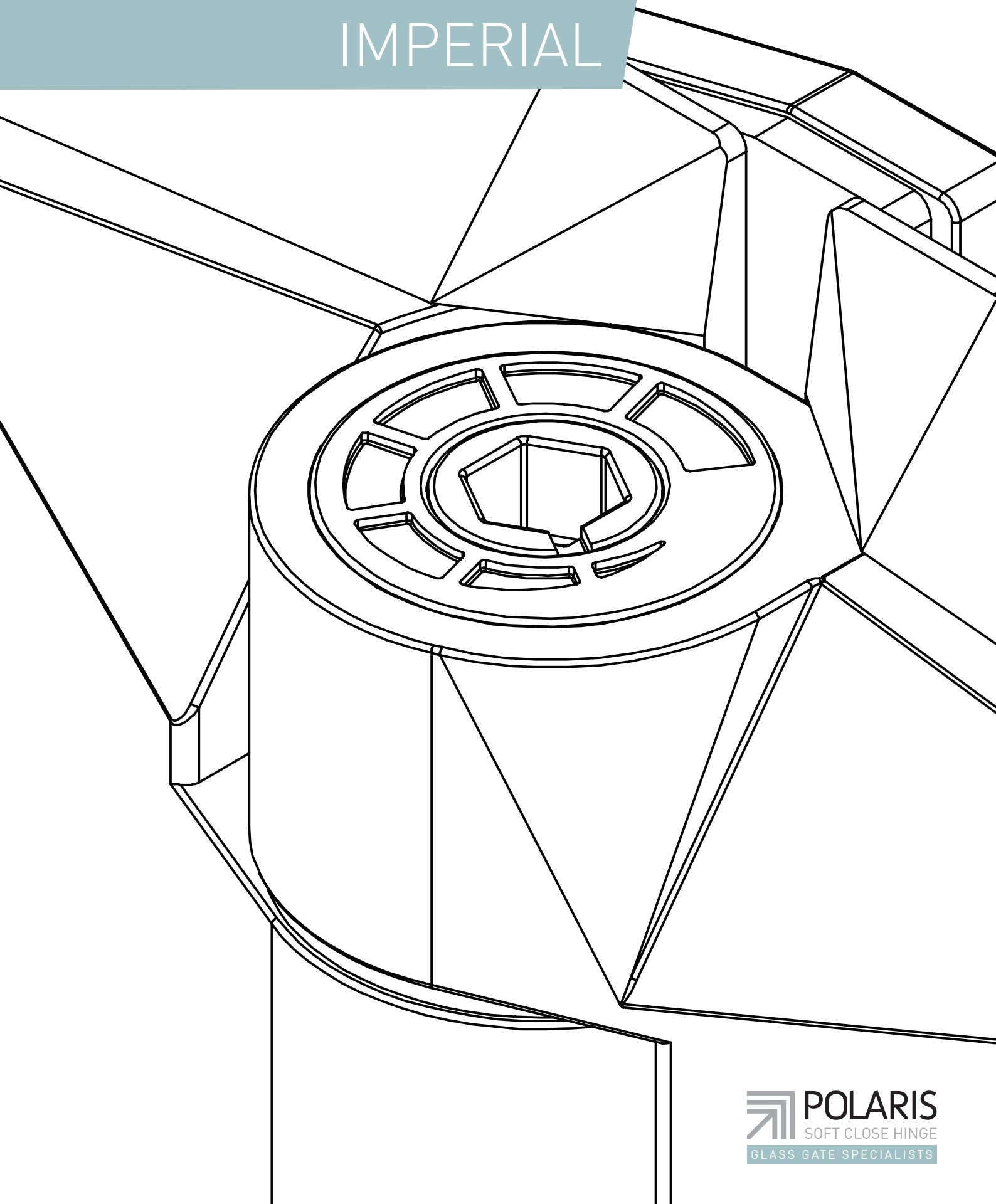
POLARIS
SOFT CLOSE HINGE
Product Guide

IMPERIAL



POLARIS
SOFT CLOSE HINGE
GLASS GATE SPECIALISTS

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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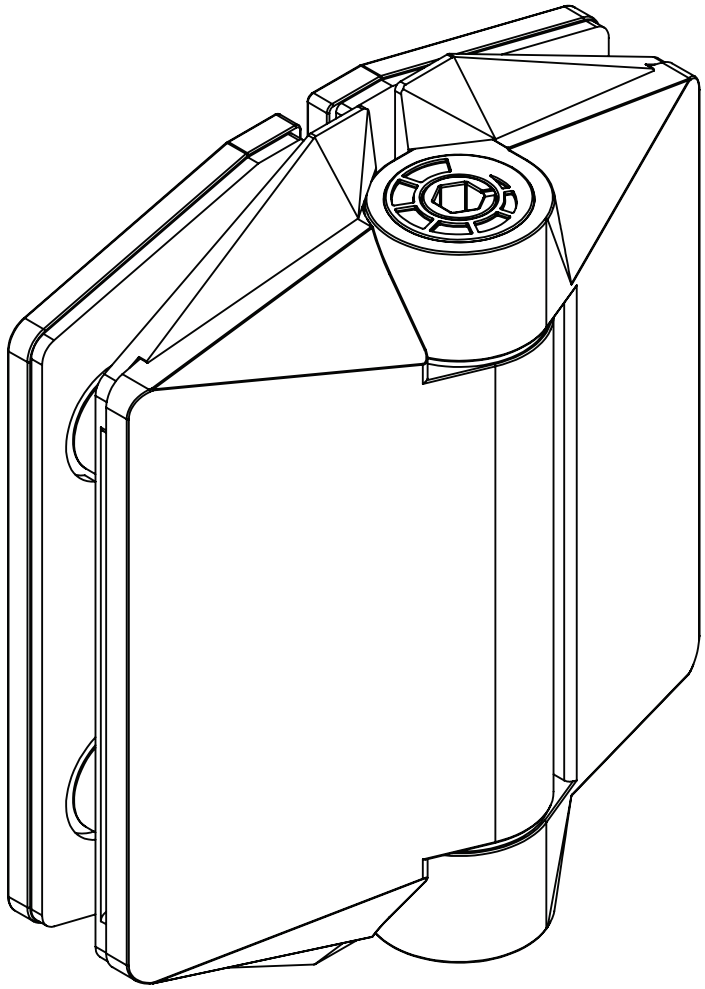
POLARIS
SOFT CLOSE HINGE
GLASS GATE SPECIALISTS

125 SERIES POOL HINGE
GLASS TO GLASS



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
- 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

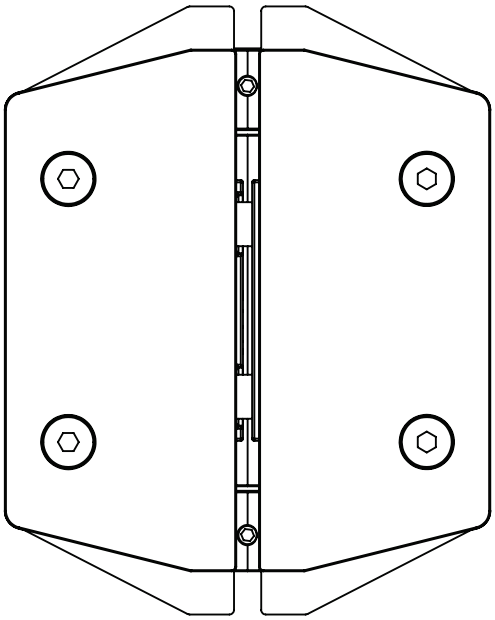
MAX 100 lbs

— 50˚F
+ 122˚F

90˚

POLARIS
SOFT CLOSE HINGE
GLASS GATE SPECIALISTS

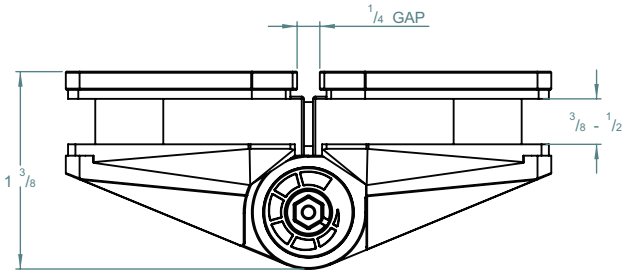
MODEL 125G



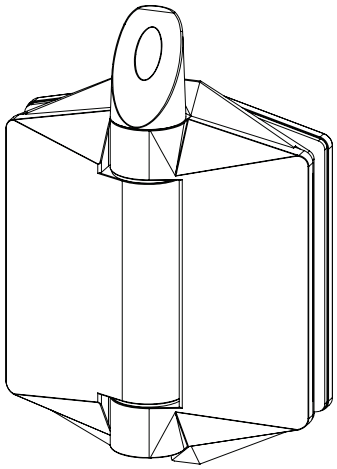
REAR VIEW

TO ORDER SPECIFY:

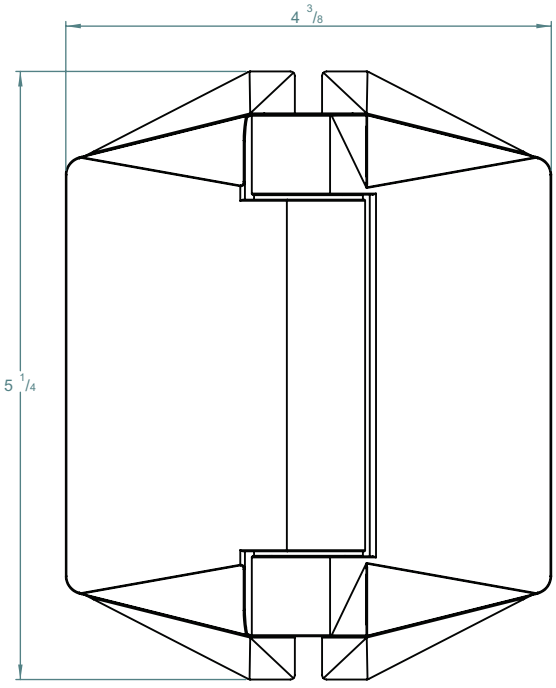
- **125GP** POLISHED FINISH
- **125GS** SATIN FINISH
- **125GB** BLACK FINISH



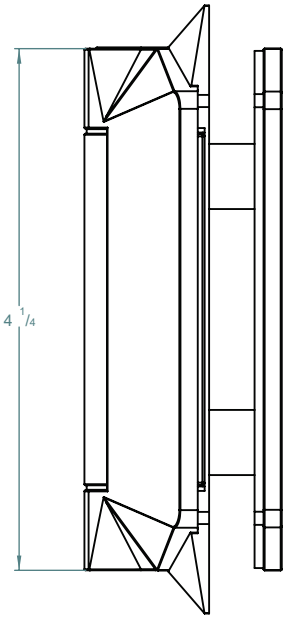
TOP VIEW



INSTALLED SAFETY CAP



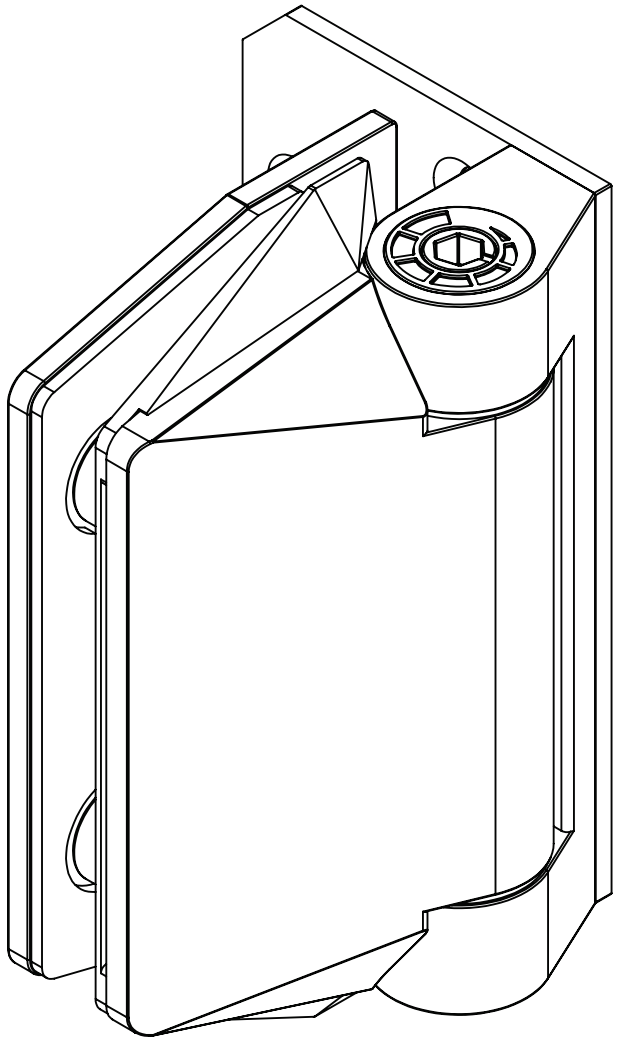
FRONT VIEW



SIDE VIEW

POLARIS SOFT CLOSE HINGE
GLASS GATE SPECIALISTS

125 SERIES POOL HINGE
GLASS TO WALL



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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"

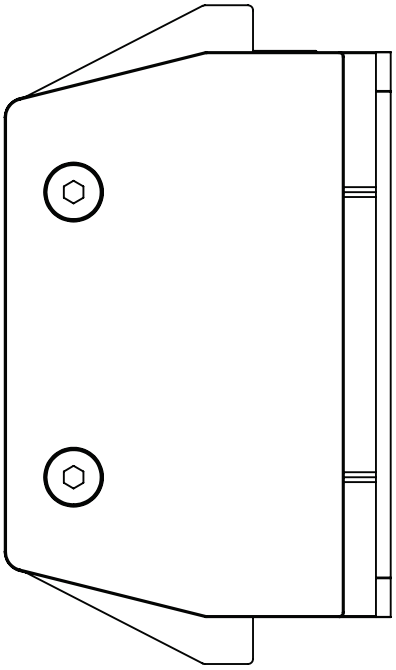
MAX.
35" WIDE x
59" HIGH

MAX
MAX 100 lbs

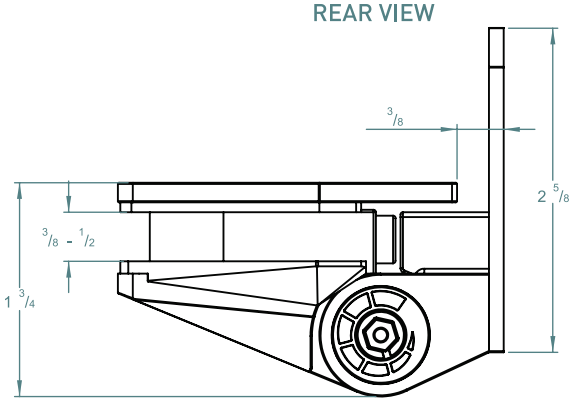
— 50°F
+ 122°F

90°

MODEL 125W



REAR VIEW

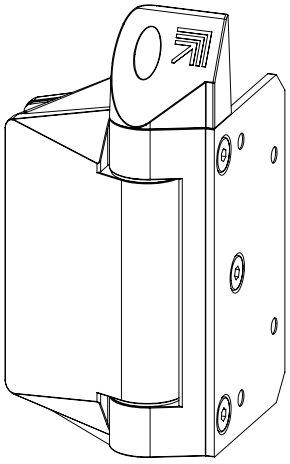


TOP VIEW

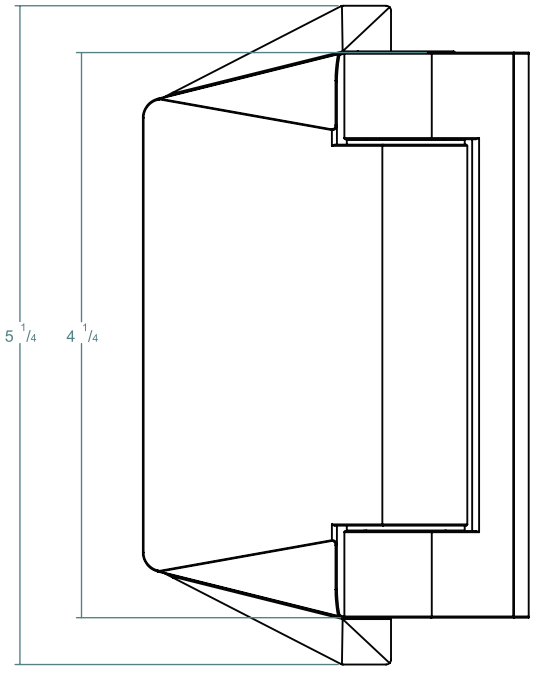
TO ORDER SPECIFY:

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

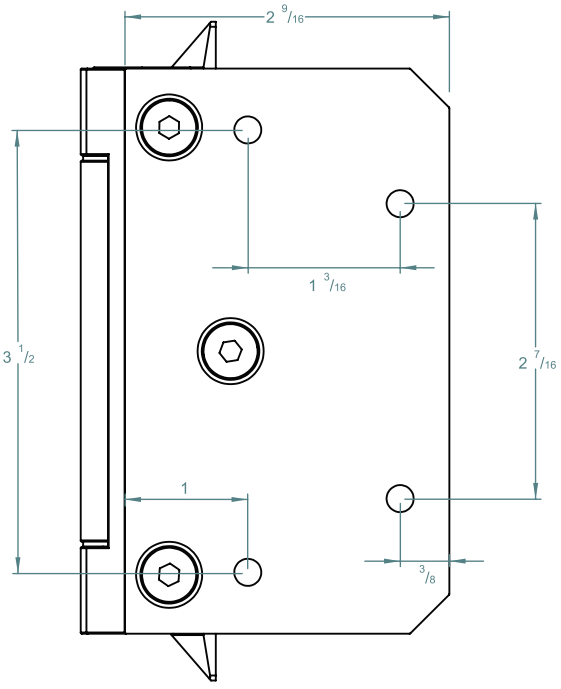
SQUARE OR ROUND POST BRACKETS AVAILABLE



INSTALLED SAFETY CAP



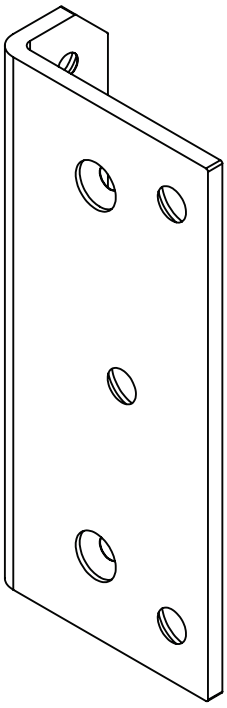
FRONT VIEW



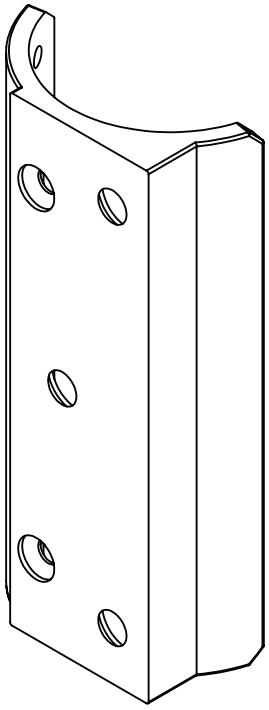
SIDE VIEW

POLARIS SOFT CLOSE HINGE
GLASS GATE SPECIALISTS

125 SERIES POOL HINGE
GLASS TO POST BRACKETS



SQUARE POST BRACKET
(MODEL SP)



ROUND POST BRACKET
(MODEL RP)

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- 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)

3/8"
1/2"

MAX.
35" WIDE x
59" HIGH

MAX 100 lbs

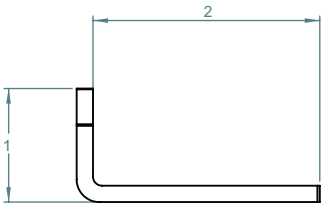
— 50°F
+ 122°F

90°

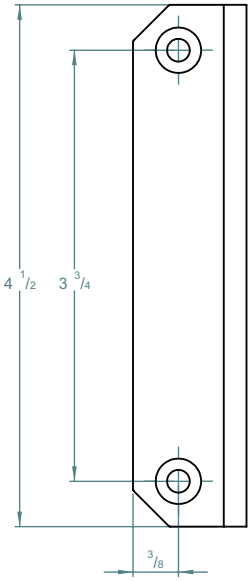
SQUARE POST BRACKET

TO ORDER SPECIFY:

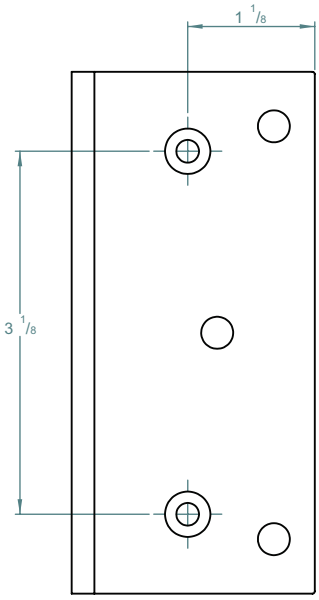
- **SPP** POLISHED FINISH
- **SPS** SATIN FINISH
- **SPB** BLACK FINISH



TOP VIEW



FRONT VIEW

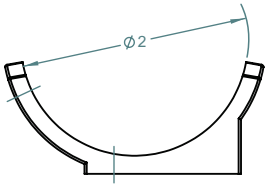


SIDE VIEW

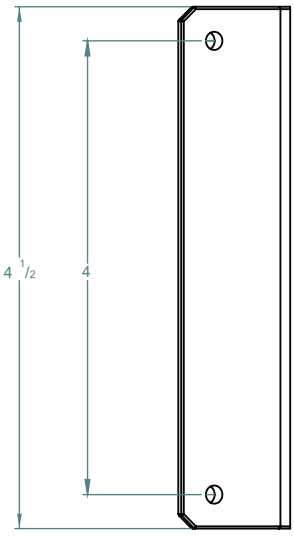
ROUND POST BRACKET

TO ORDER SPECIFY:

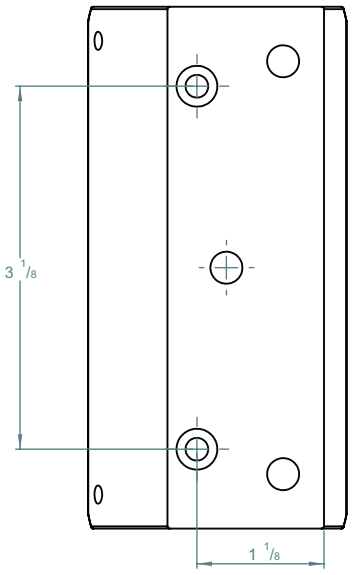
- **RPP** POLISHED FINISH
- **RPS** SATIN FINISH
- **RPB** BLACK FINISH



TOP VIEW



FRONT VIEW

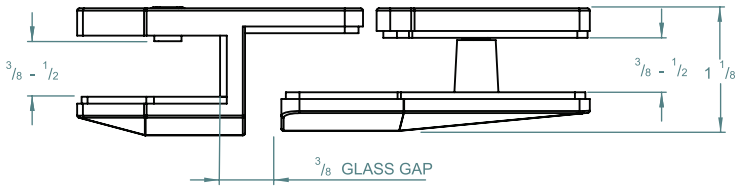


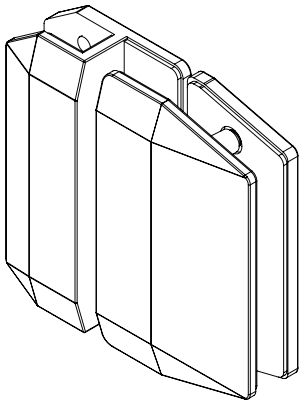
SIDE VIEW

LATCH GLASS TO GLASS 180°

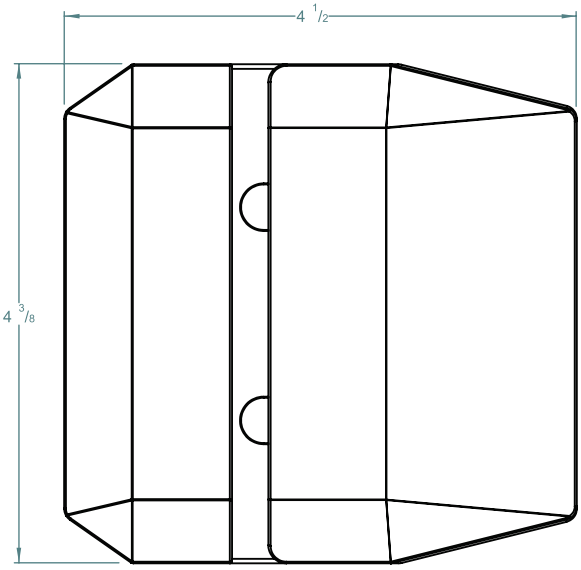
TO ORDER SPECIFY:

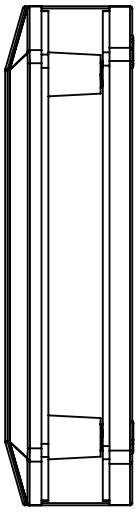
POLYMER SIDE PULL INC.
600GP POLISHED FINISH
600GS SATIN FINISH
600GB BLACK FINISH

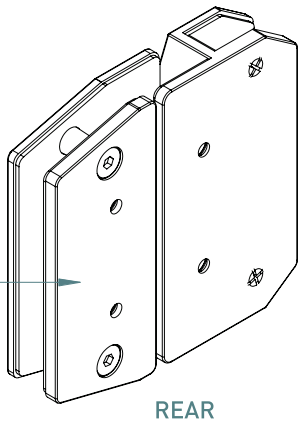




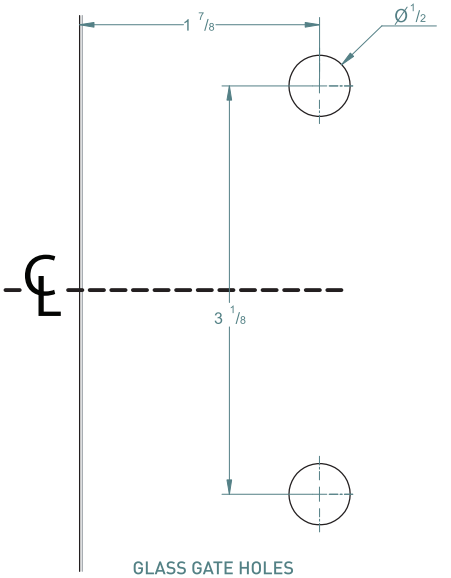
FRONT
ISOMETRIC VIEW





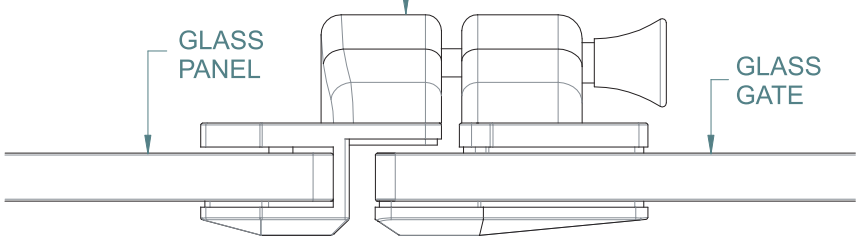


REAR
ISOMETRIC VIEW



GLASS GATE HOLES

FITS SIDE PULLS:
* POLARIS 2205 S/S
* NATIONWIDE INDUSTRIES
* DOWNEE
* D&D TECHNOLOGIES

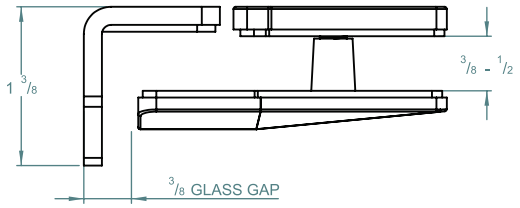


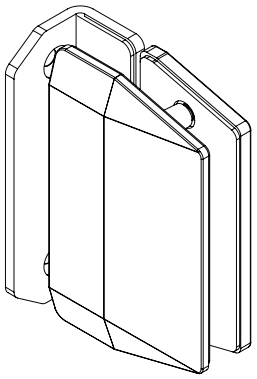
TOP VIEW

LATCH GLASS TO WALL

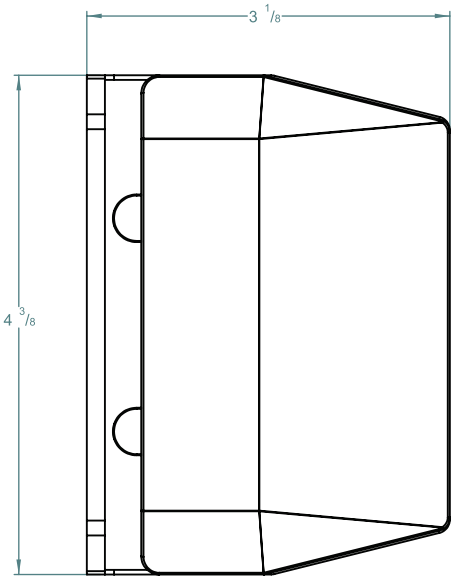
TO ORDER SPECIFY:

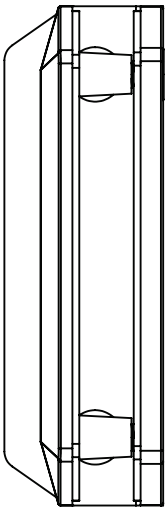
POLYMER SIDE PULL INC.
600WP POLISHED FINISH
600WS SATIN FINISH
600WB BLACK FINISH

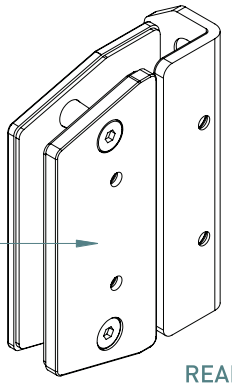




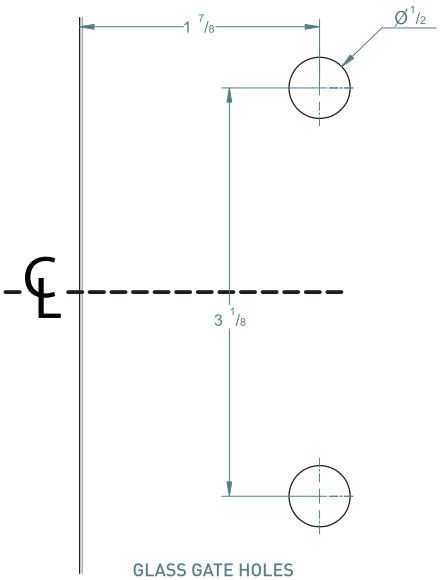
FRONT
ISOMETRIC VIEW







REAR
ISOMETRIC VIEW



GLASS GATE HOLES

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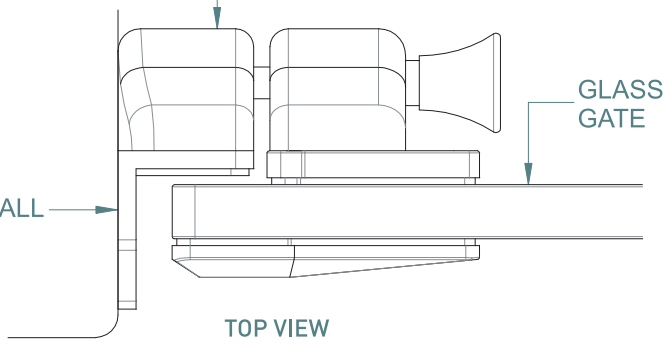
* NATIONWIDE INDUSTRIES
* DOWNEE
* D&D TECHNOLOGIES



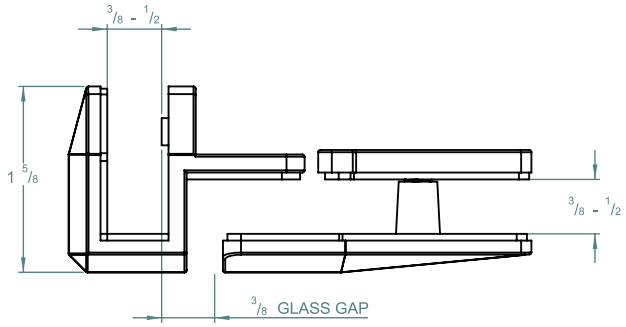
TOP VIEW

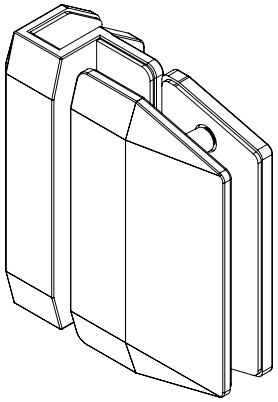
POLARIS
SOFT CLOSE HINGE
GLASS GATE SPECIALISTS

LATCH GLASS TO GLASS 90°

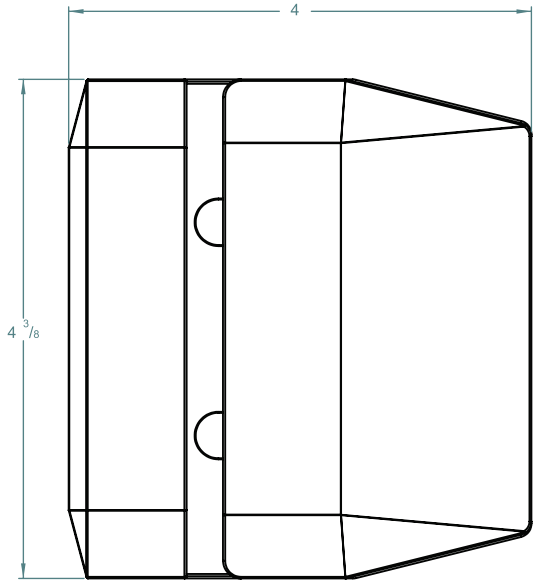
TO ORDER SPECIFY:

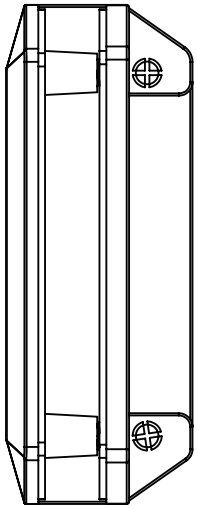
POLYMER SIDE PULL INC.
600G90P POLISHED FINISH
600G90S SATIN FINISH
600G90B BLACK FINISH

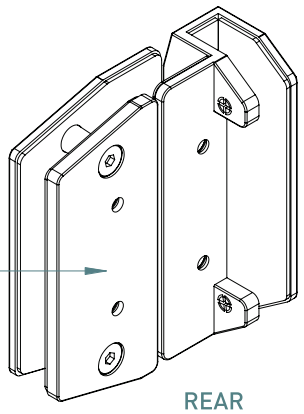




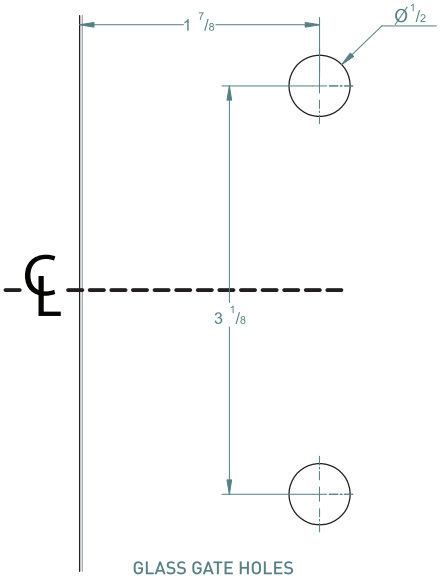
FRONT
ISOMETRIC VIEW







REAR
ISOMETRIC VIEW



GLASS GATE HOLES

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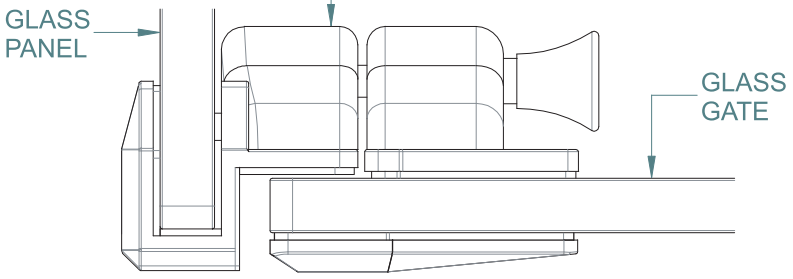
* NATIONWIDE INDUSTRIES
* DOWNEE
* D&D TECHNOLOGIES



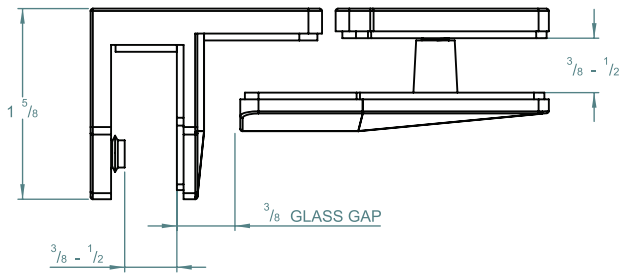
TOP VIEW

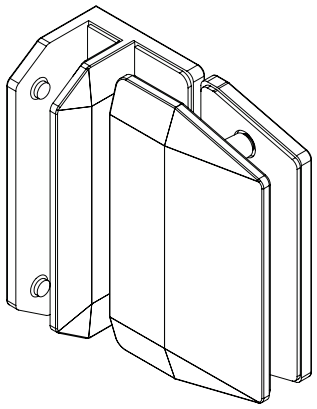
POLARIS
SOFT CLOSE HINGE
GLASS GATE SPECIALISTS

LATCH GLASS TO GLASS REVERSE 90°

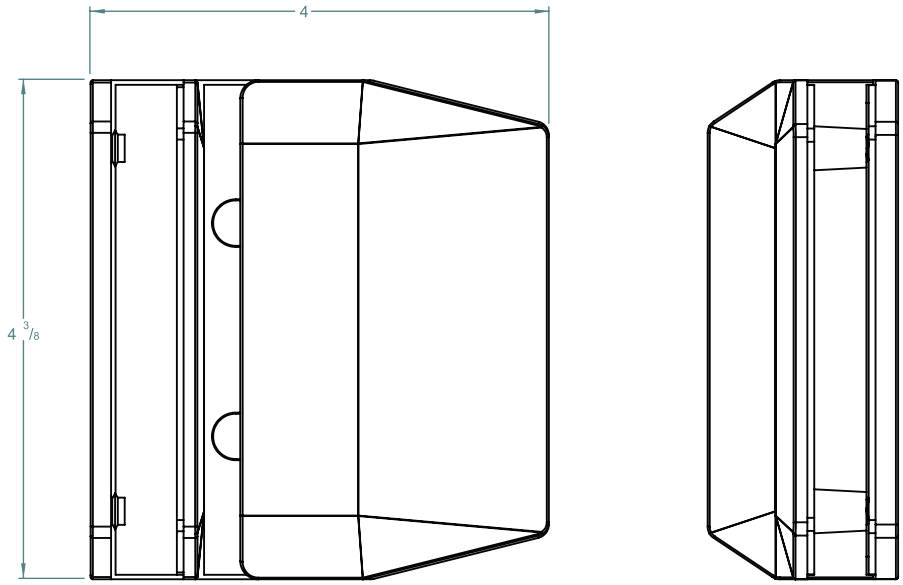
TO ORDER SPECIFY:

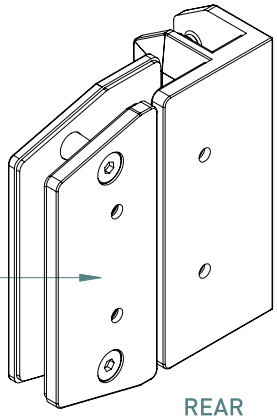
POLYMER SIDE PULL INC.
600G90RP POLISHED FINISH
600G90RS SATIN FINISH
600G90RB BLACK FINISH



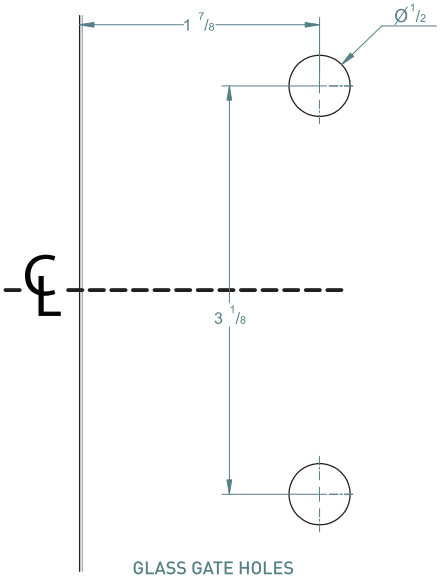


FRONT
ISOMETRIC VIEW



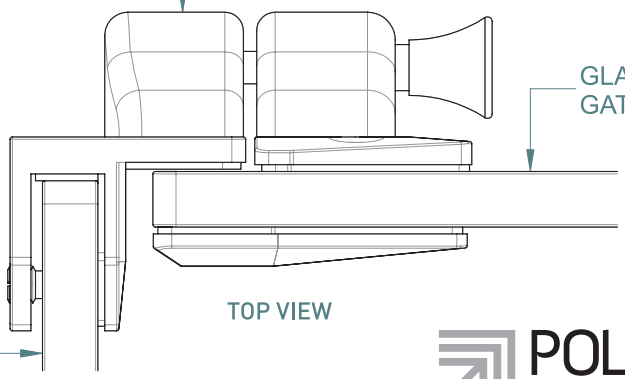


REAR
ISOMETRIC VIEW



GLASS GATE HOLES

FITS SIDE PULLS:
* POLARIS 2205 S/S
* NATIONWIDE INDUSTRIES
* DOWNEE
* D&D TECHNOLOGIES

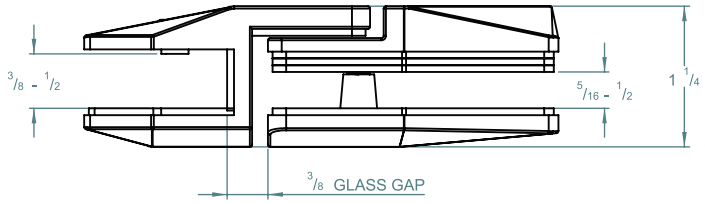


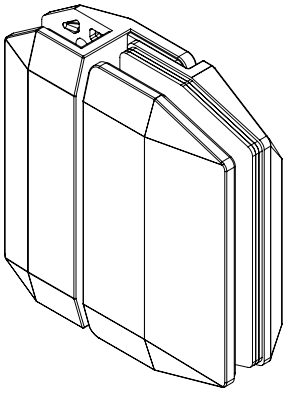
TOP VIEW

RETROFIT LATCH
GLASS TO GLASS 180°

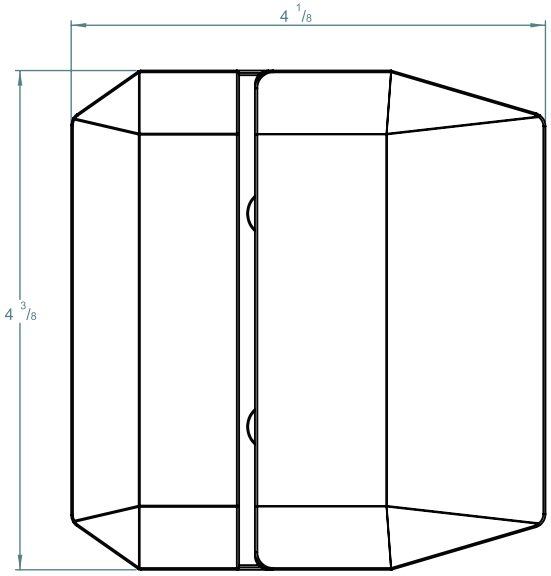
TO ORDER SPECIFY:

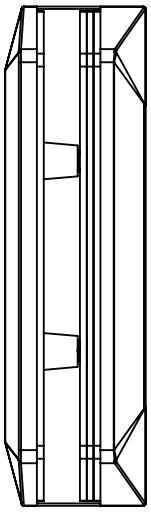
POLYMER SIDE PULL INC.
700GP POLISHED FINISH
700GS SATIN FINISH
700GB BLACK FINISH

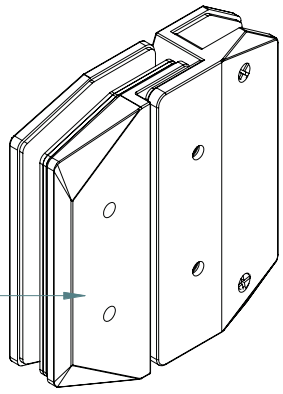




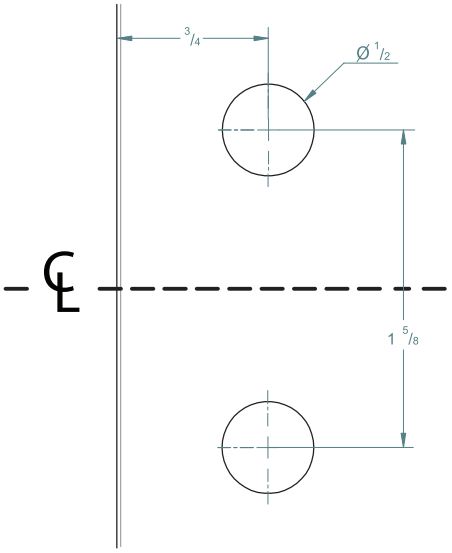
FRONT
ISOMETRIC VIEW





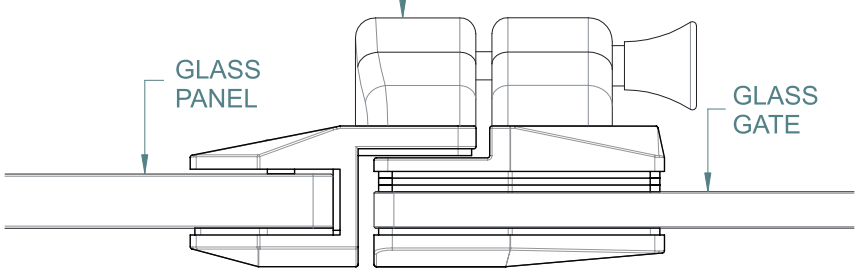


REAR
ISOMETRIC VIEW



GLASS GATE HOLES

FITS SIDE PULLS:
* POLARIS 2205 S/S
* NATIONWIDE INDUSTRIES
* DOWNEE
* D&D TECHNOLOGIES

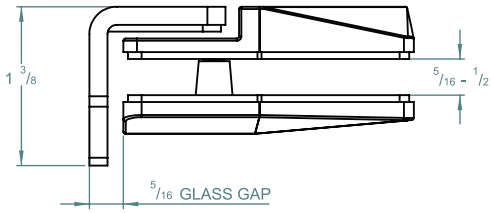


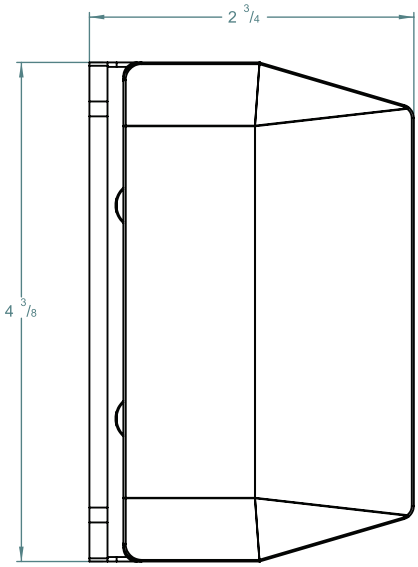
TOP VIEW

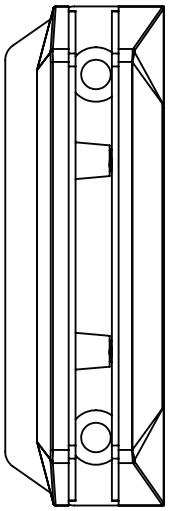
RETROFIT LATCH GLASS TO WALL

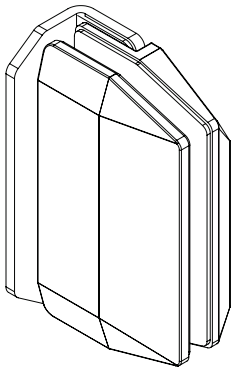
TO ORDER SPECIFY:

POLYMER SIDE PULL INC.
700WP POLISHED FINISH
700WS SATIN FINISH
700WB BLACK FINISH

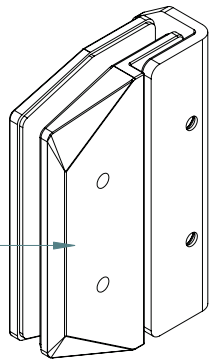






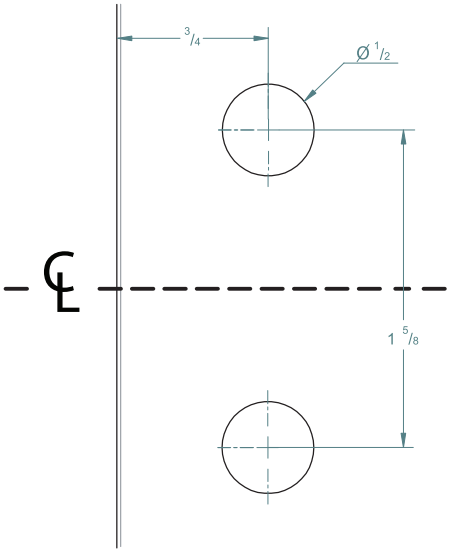


FRONT
ISOMETRIC VIEW

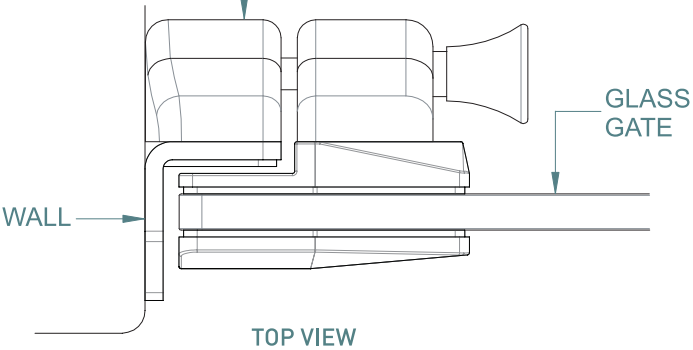


REAR
ISOMETRIC VIEW

FITS SIDE PULLS:
* POLARIS 2205 S/S
* NATIONWIDE INDUSTRIES
* DOWNEE
* D&D TECHNOLOGIES



GLASS GATE HOLES



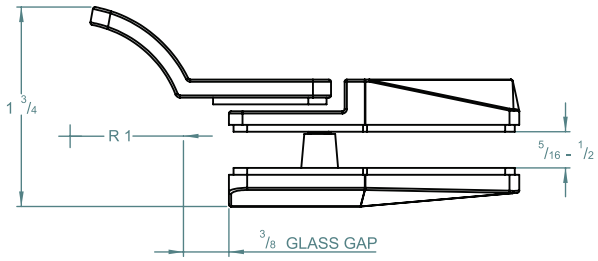
TOP VIEW

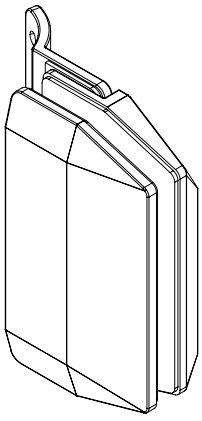
POLARIS
SOFT CLOSE HINGE
GLASS GATE SPECIALISTS

RETROFIT LATCH GLASS TO ROUND POST

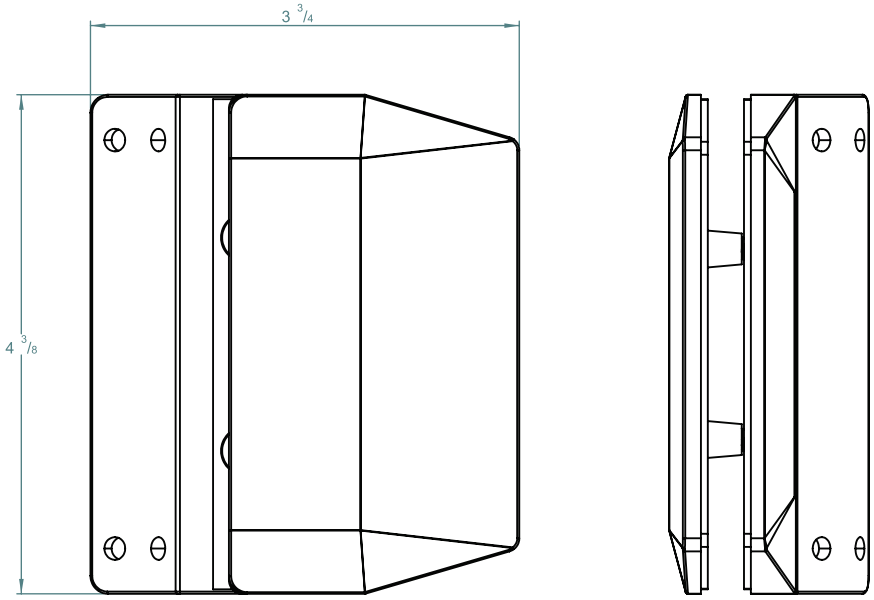
TO ORDER SPECIFY:

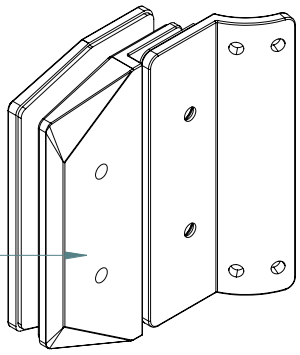
POLYMER SIDE PULL INC.
700RP POLISHED FINISH
700RS SATIN FINISH
700RB BLACK FINISH



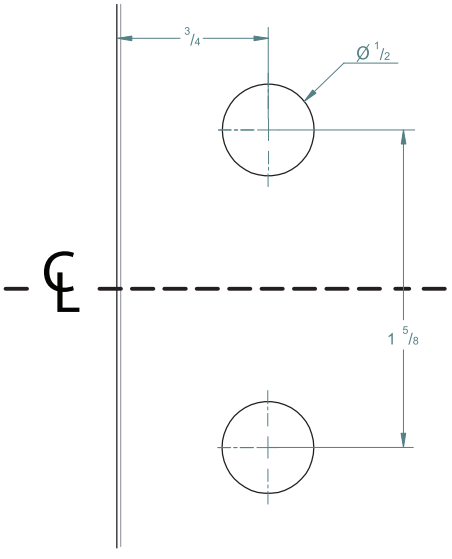


FRONT
ISOMETRIC VIEW



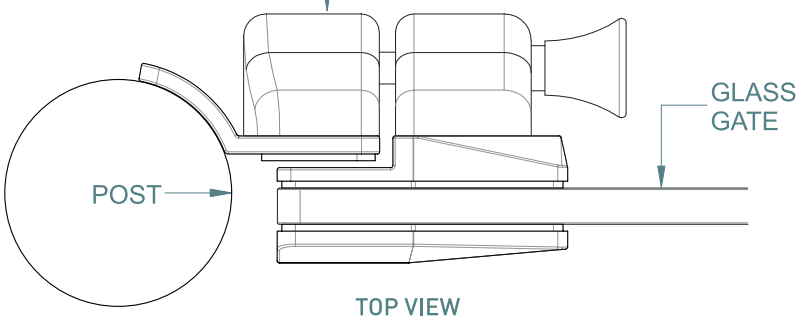


REAR
ISOMETRIC VIEW



GLASS GATE HOLES

FITS SIDE PULLS:
* POLARIS 2205 S/S
* NATIONWIDE INDUSTRIES
* DOWNEE
* D&D TECHNOLOGIES



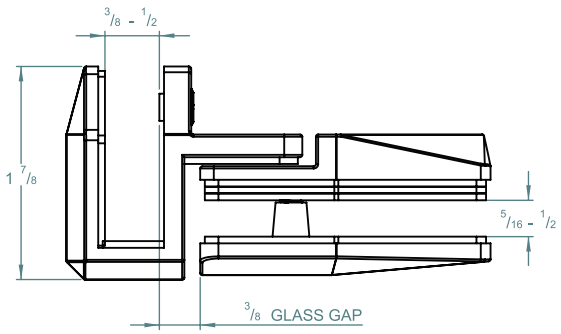
TOP VIEW

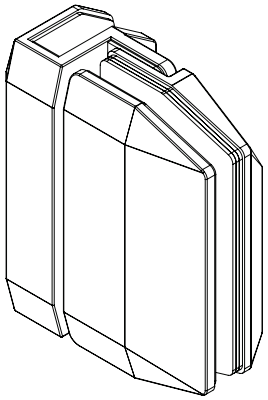
POLARIS
SOFT CLOSE HINGE
GLASS GATE SPECIALISTS

RETROFIT LATCH
GLASS TO GLASS 90°

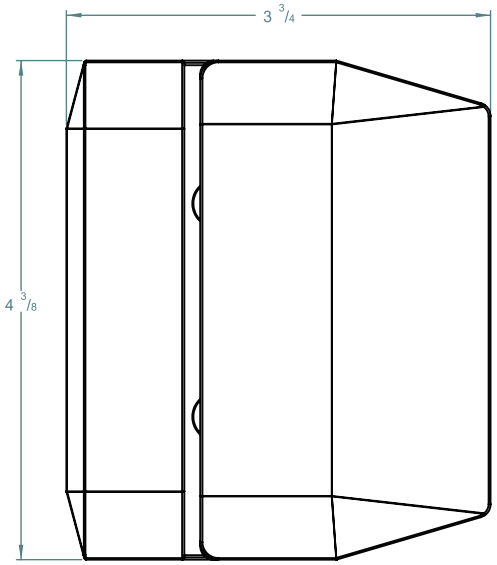
TO ORDER SPECIFY:

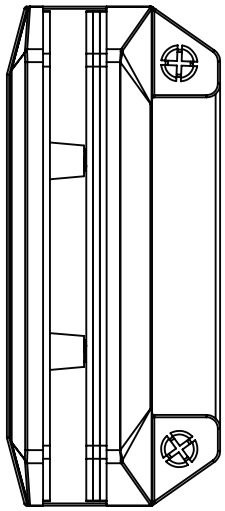
POLYMER SIDE PULL INC.
700G90P POLISHED FINISH
700G90S SATIN FINISH
700G90B BLACK FINISH

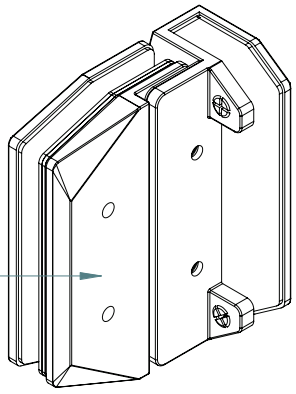




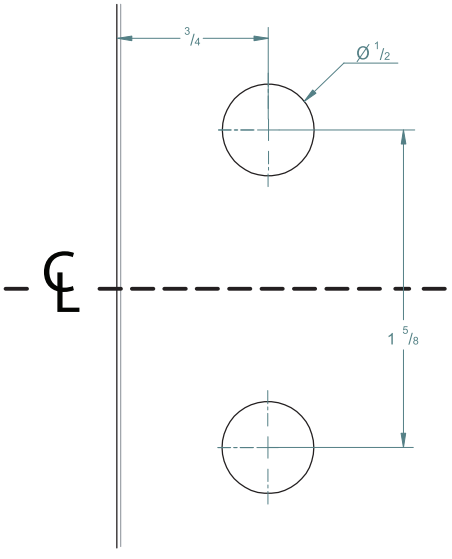
FRONT
ISOMETRIC VIEW





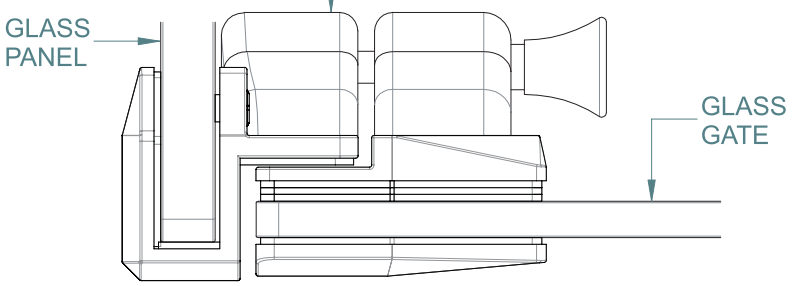


REAR
ISOMETRIC VIEW



GLASS GATE HOLES

FITS SIDE PULLS:
* POLARIS 2205 S/S
* NATIONWIDE INDUSTRIES
* DOWNEE
* D&D TECHNOLOGIES



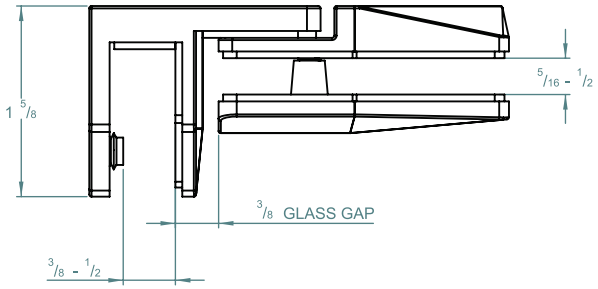
TOP VIEW

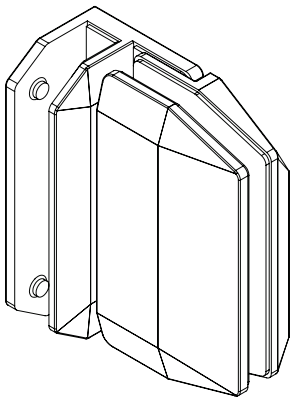
POLARIS
SOFT CLOSE HINGE
GLASS GATE SPECIALISTS

RETROFIT LATCH
GLASS TO GLASS 90°REVERSE

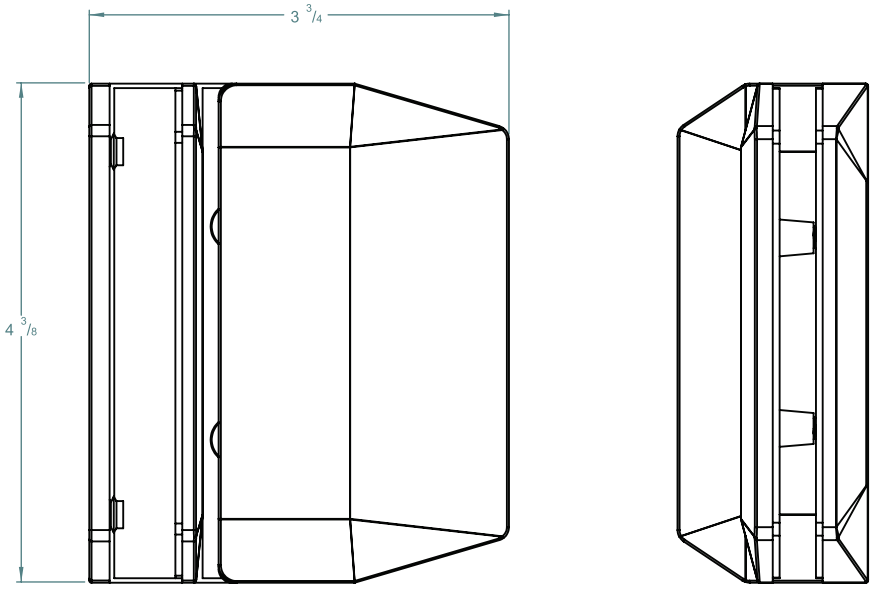
TO ORDER SPECIFY:

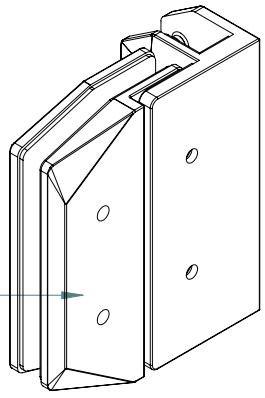
POLYMER SIDE PULL INC.
700G90RP POLISHED FINISH
700G90RS SATIN FINISH
700G90RB BLACK FINISH





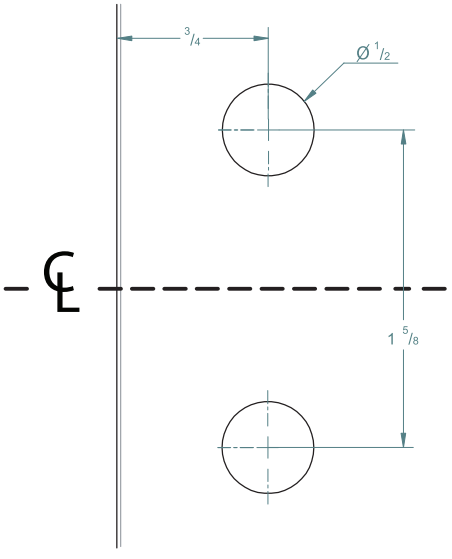
FRONT
ISOMETRIC VIEW



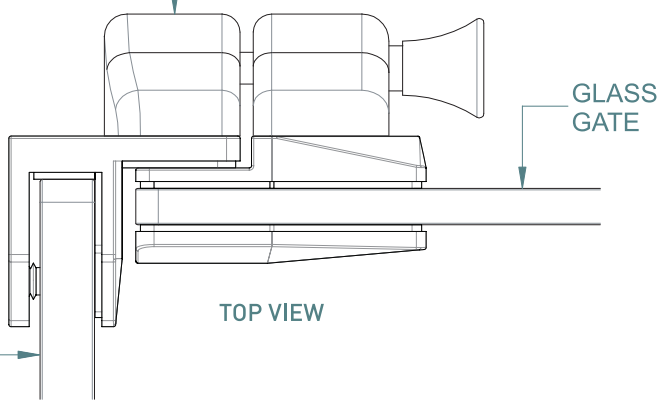


REAR
ISOMETRIC VIEW

FITS SIDE PULLS:
* POLARIS 2205 S/S
* NATIONWIDE INDUSTRIES
* DOWNEE
* D&D TECHNOLOGIES



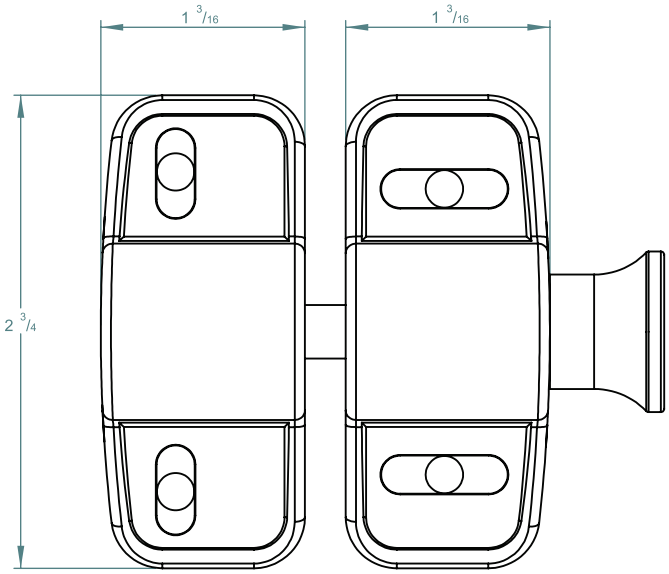
GLASS GATE HOLES

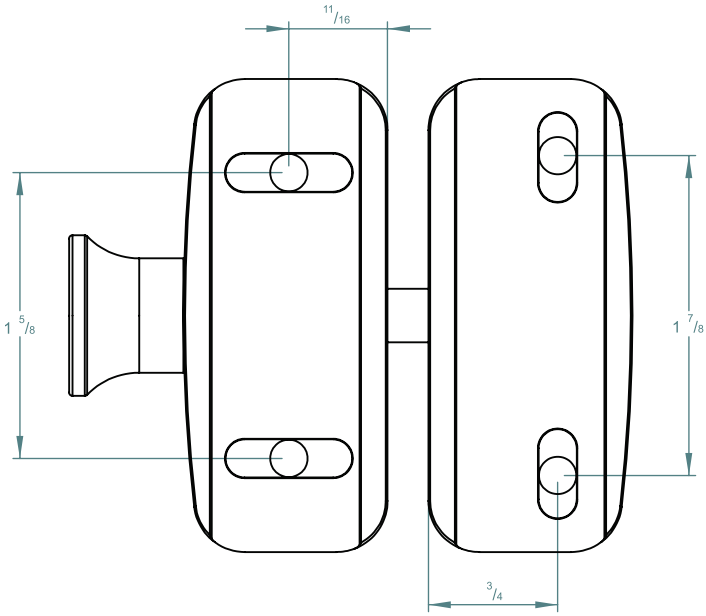


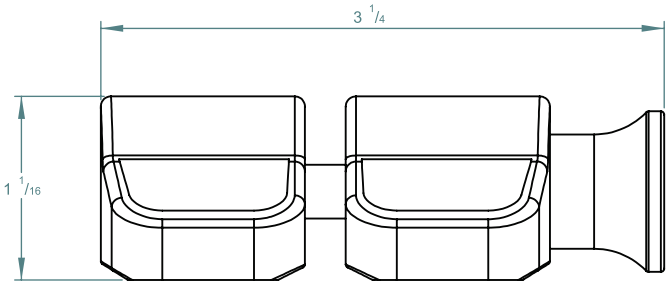
TOP VIEW

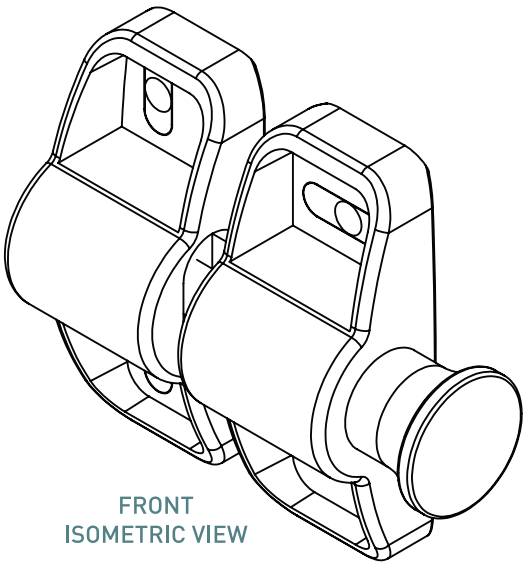
POLARIS
SOFT CLOSE HINGE
GLASS GATE SPECIALISTS

POLYMER SIDE PULL LATCH



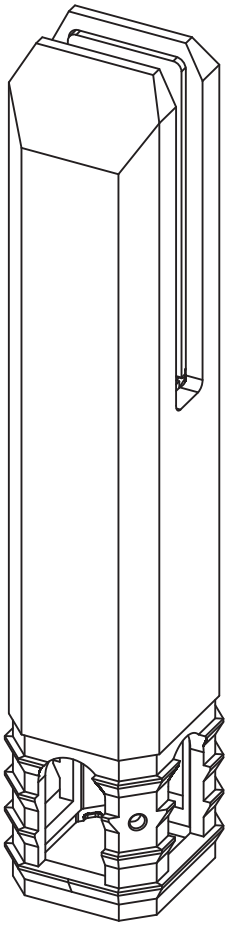


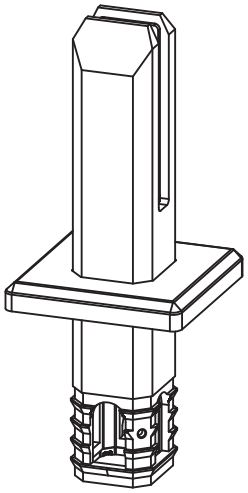




FRONT
ISOMETRIC VIEW

SPIGOT - CORE DRILL
GLASS PANELS





COVER PLATE INCLUDED

FINISHES AND SPEC.

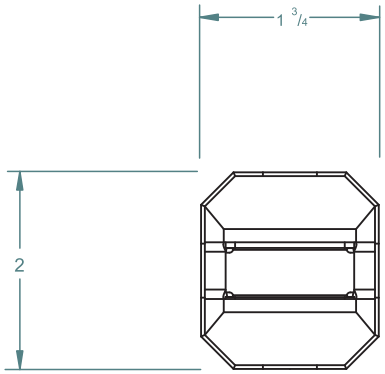
- 2205 GRADE STAINLESS STEEL
- POLISHED FINISH
- SATIN FINISH
- BLACK FINISH

$^{3}/_{8}$"
$^{1}/_{2}$" GLASS

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

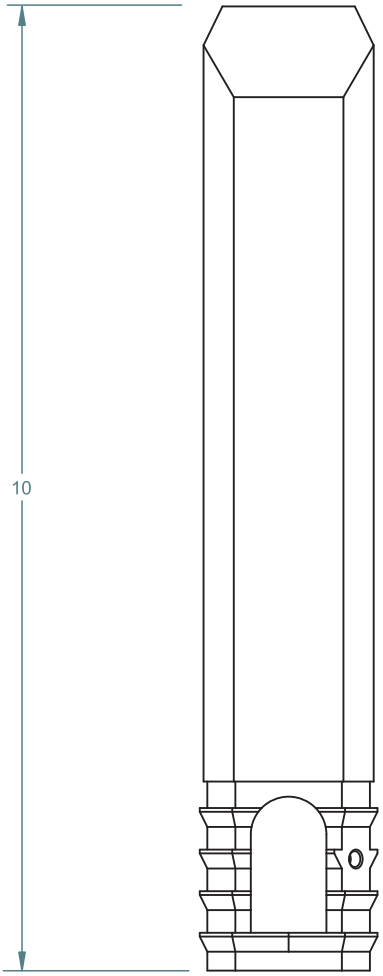
MODEL SP3



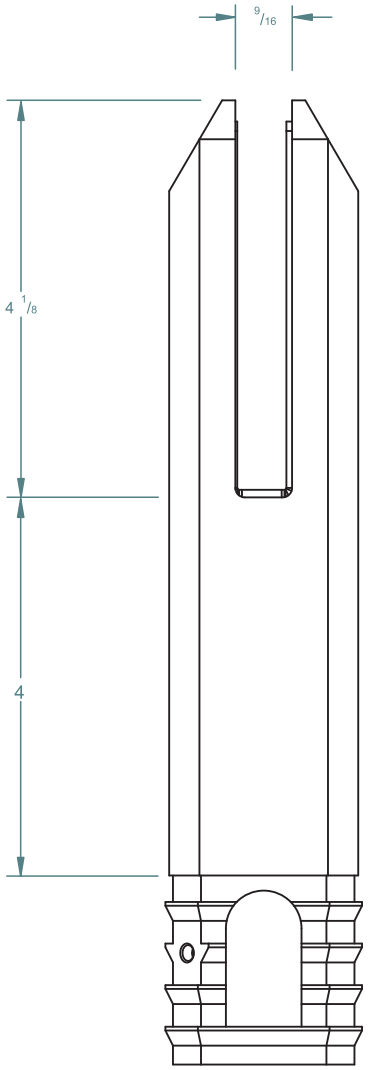
TOP VIEW

TO ORDER SPECIFY:

- **SP3P** POLISHED FINISH
- **SP3S** SATIN FINISH
- **SP3B** BLACK FINISH

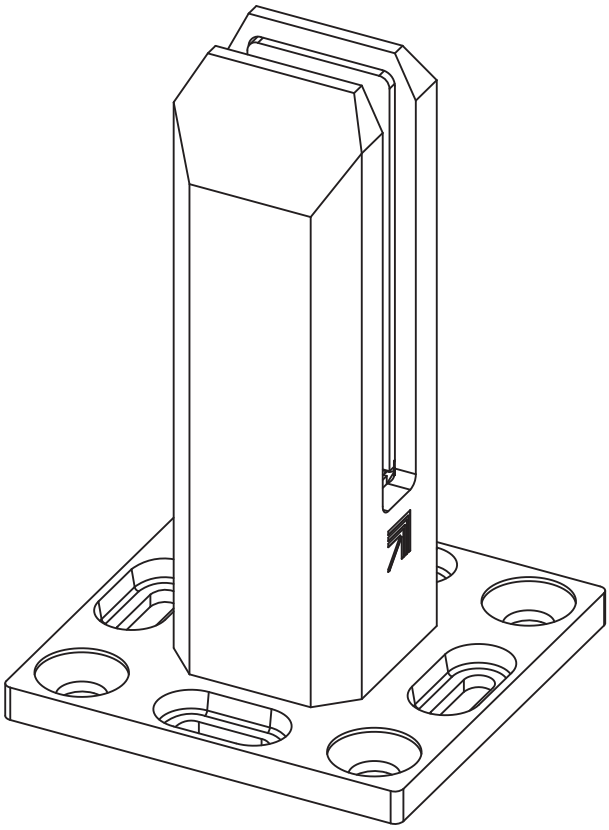


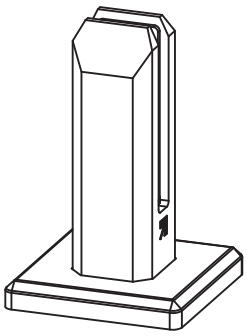
FRONT VIEW



SIDE VIEW

SPIGOT - BASE PLATE
GLASS PANELS





COVER PLATE INCLUDED

FINISHES AND FUNCTIONS

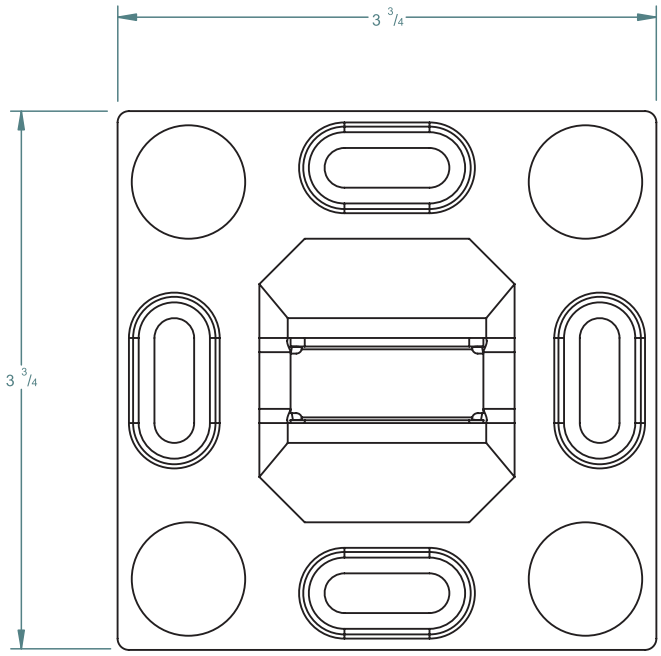
- 2205 GRADE STAINLESS STEEL
- POLISHED FINISH
- SATIN FINISH
- BLACK FINISH

$^{3}/_{8}$"
$^{1}/_{2}$" GLASS

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

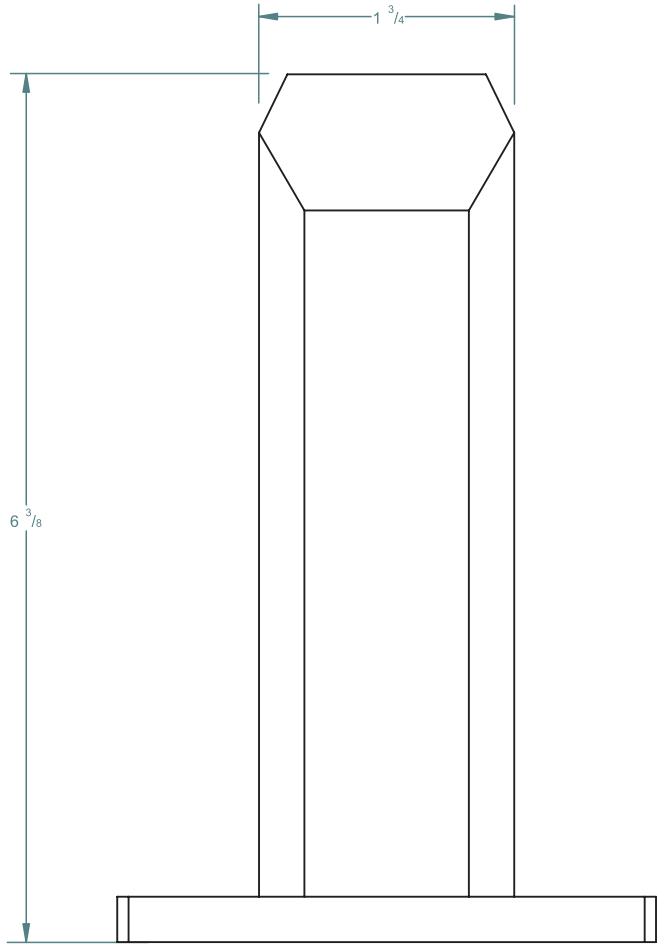
MODEL SP4



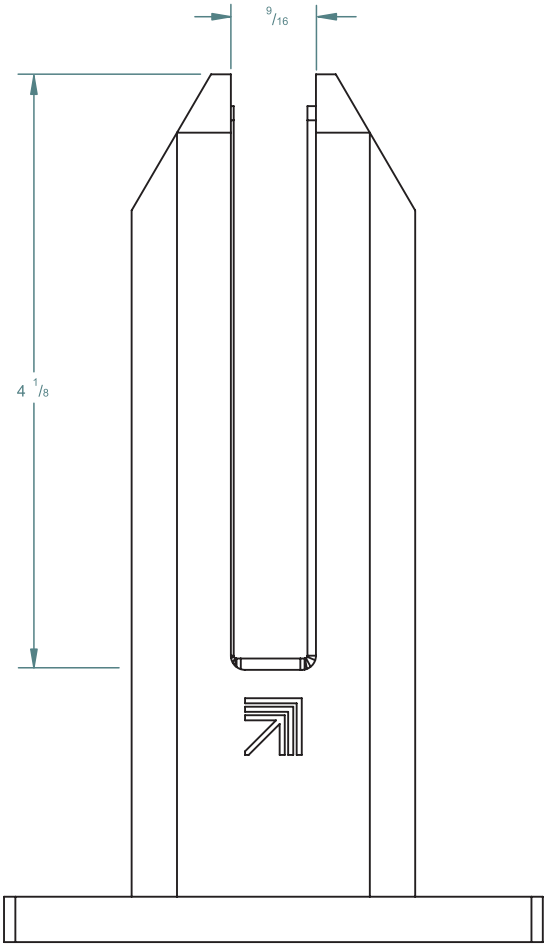
TOP VIEW

TO ORDER SPECIFY:

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



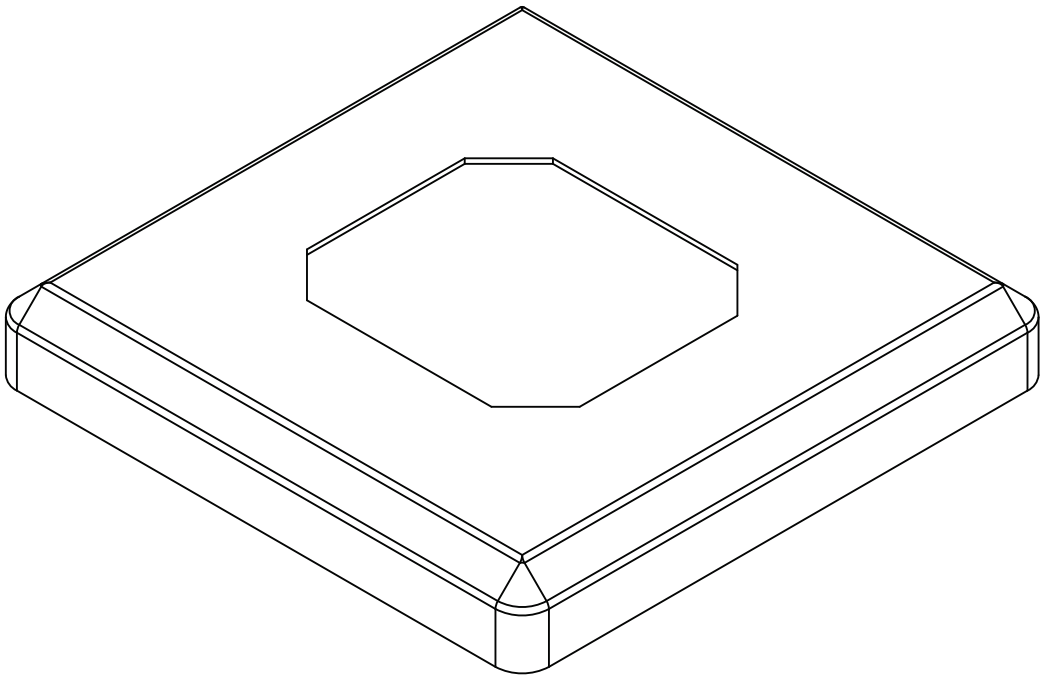
FRONT VIEW



SIDE VIEW

POLARIS SOFT CLOSE HINGE
GLASS GATE SPECIALISTS

SPIGOT - COVER PLATE
GLASS PANELS



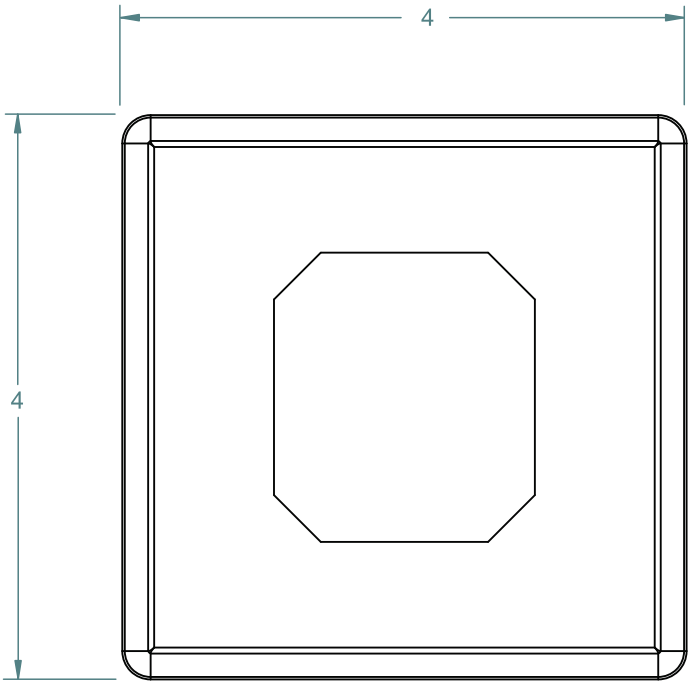
FINISHES AND FUNCTIONS

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

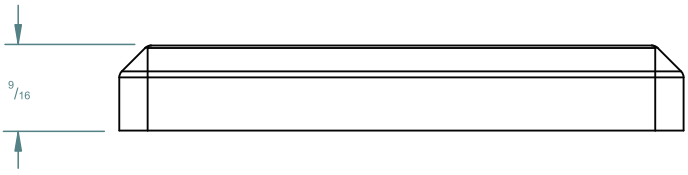
MODEL CP3

TO ORDER SPECIFY:

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

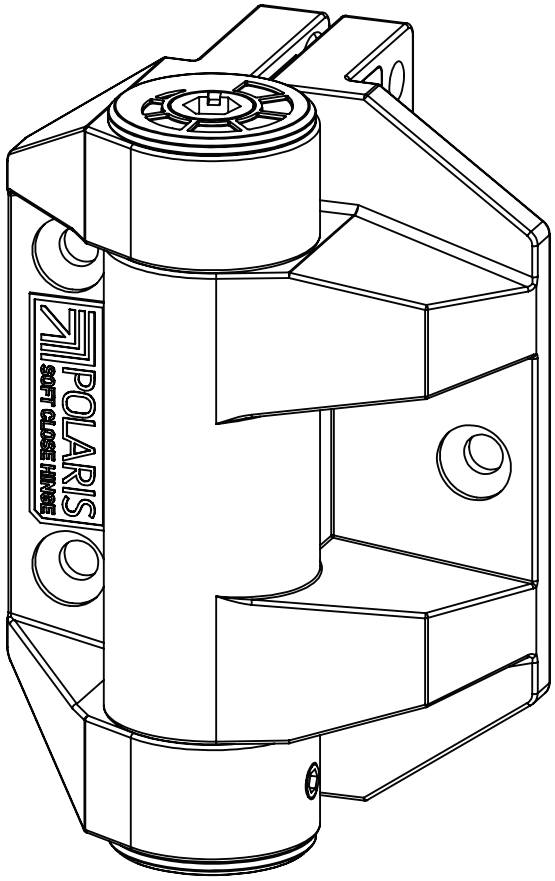


TOP VIEW



FRONT VIEW

POLY HINGE
SOFT CLOSE SPRING HINGE



FINISHES AND FUNCTIONS

- HEAVY DUTY GLASS FILLED NYLON
- MATT BLACK
- SIMPLE *QUIK-ADJUST* RATCHET SYSTEM
- SOFT CLOSE
- NON-HOLD OPEN
- ADJUSTABLE SPRING FORCE

MAX 50 lbs

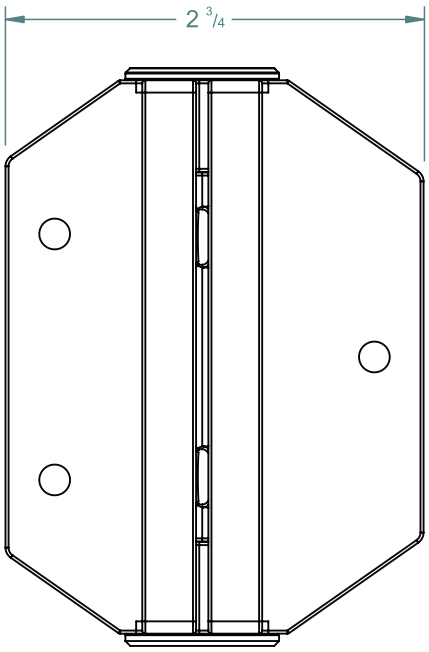
— 50˚F
+ 122˚F

170˚

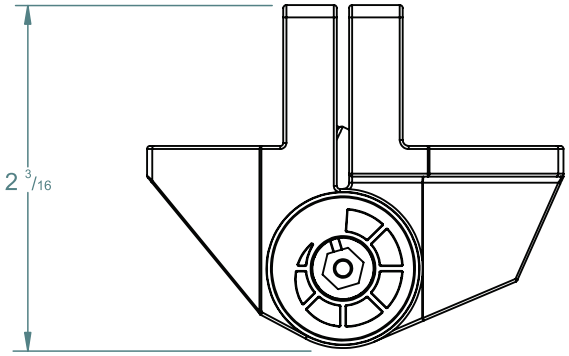
POLY HINGE ADVANTAGES

- SELF-CLOSING SAFETY HINGE FOR LIGHT WEIGHT 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)

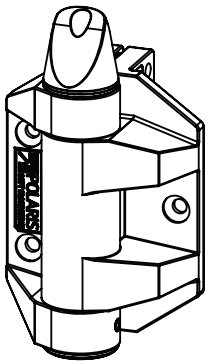
MODEL POLY



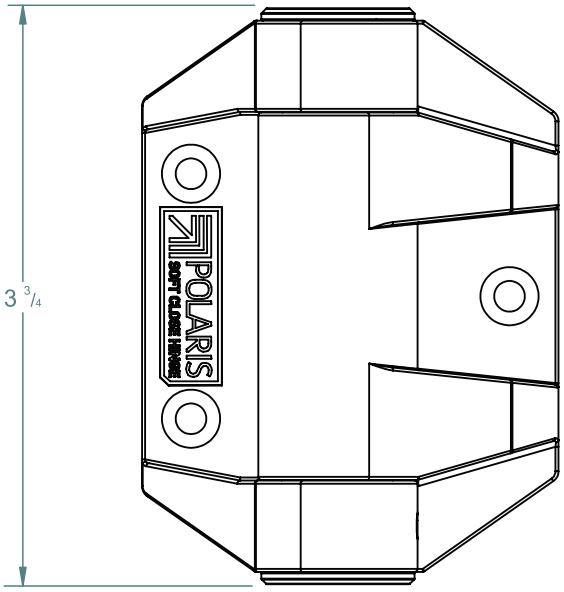
REAR VIEW



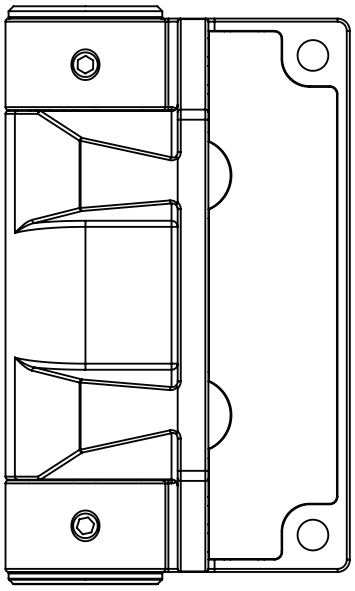
TOP VIEW



INSTALLED SAFETY CAP

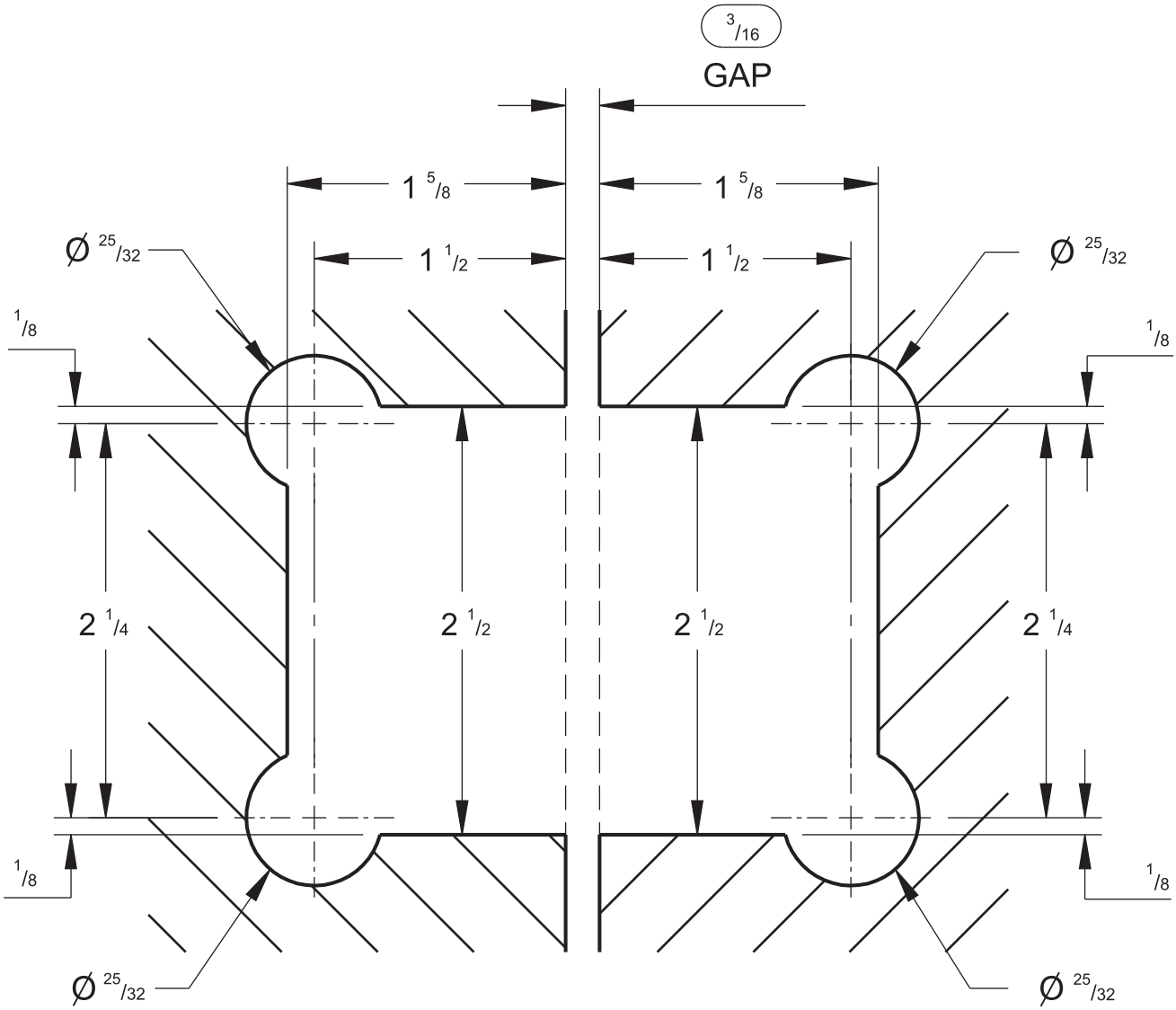


FRONT VIEW



SIDE VIEW

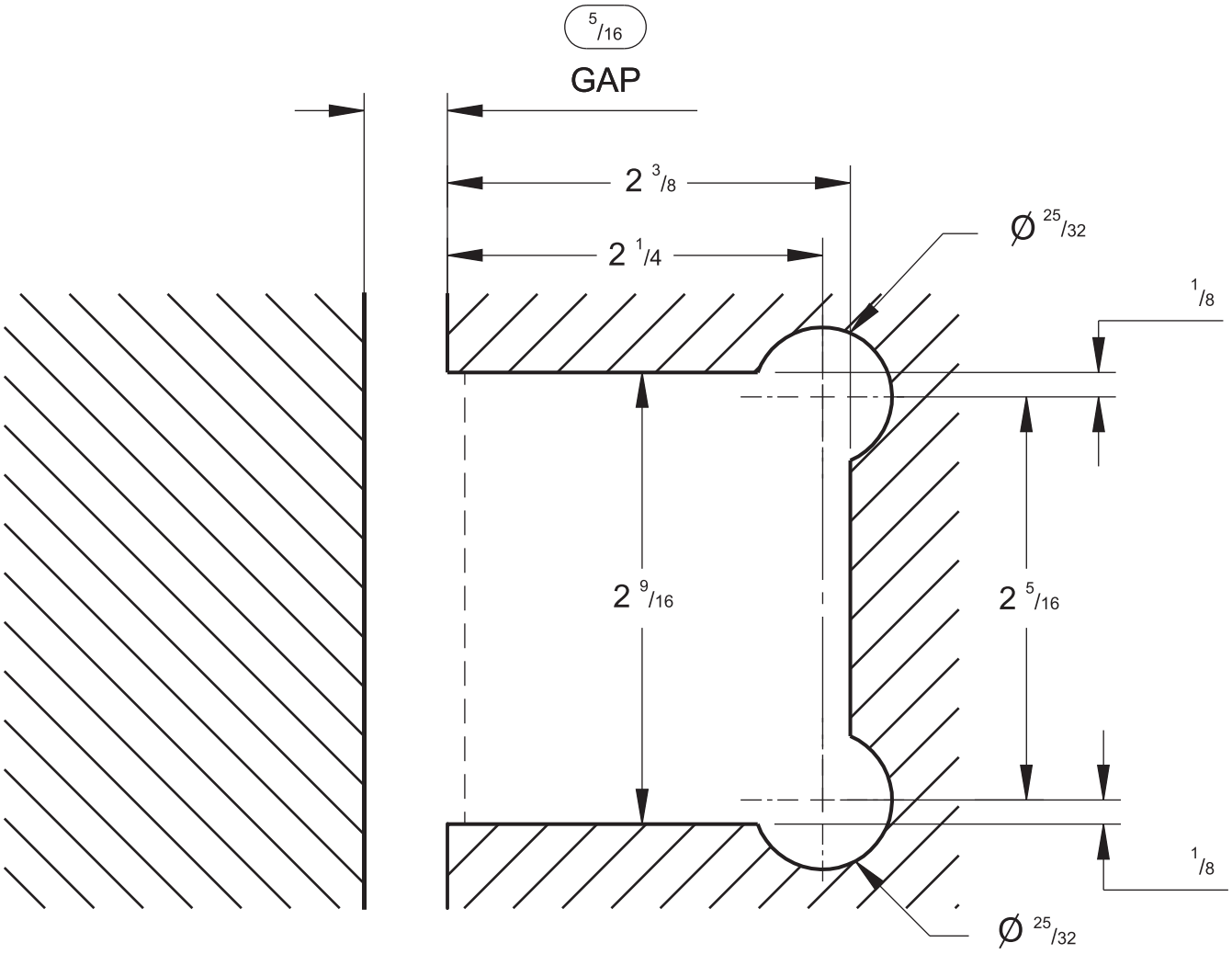
GLASS PREPARATION
125 HINGE
GLASS TO GLASS



GLASS CUT-OUT TOP AND BOTTOM

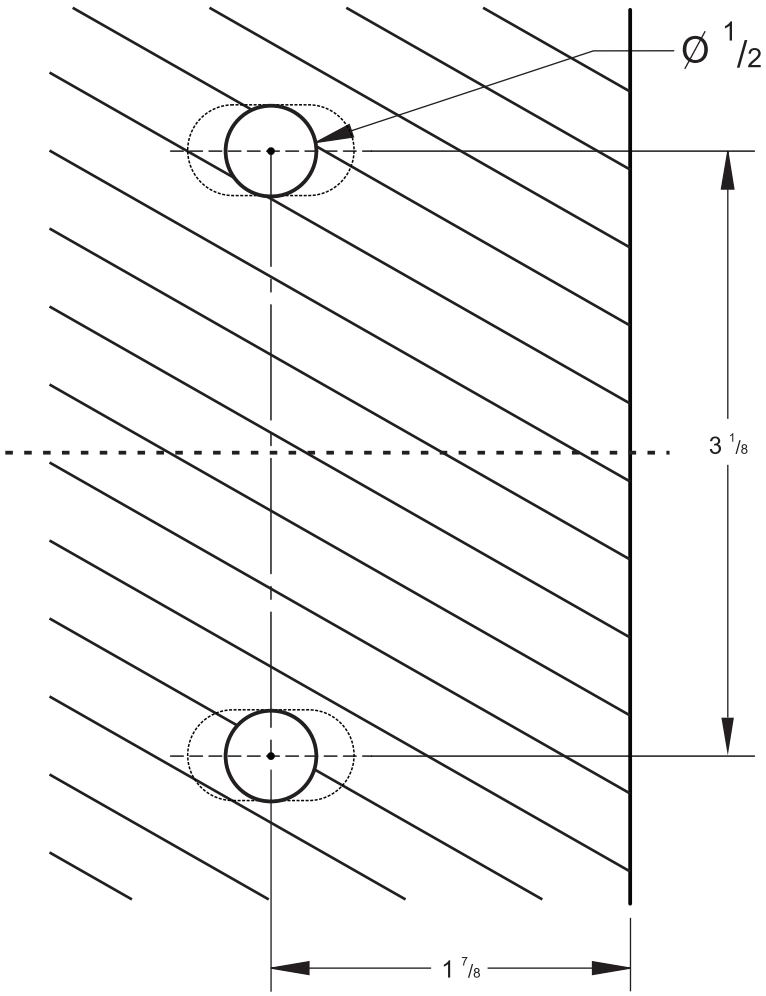
POLARIS
SOFT CLOSE HINGE
GLASS GATE SPECIALISTS

GLASS PREPARATION
125 HINGE
GLASS TO WALL/POSTS



GLASS CUT-OUT TOP AND BOTTOM

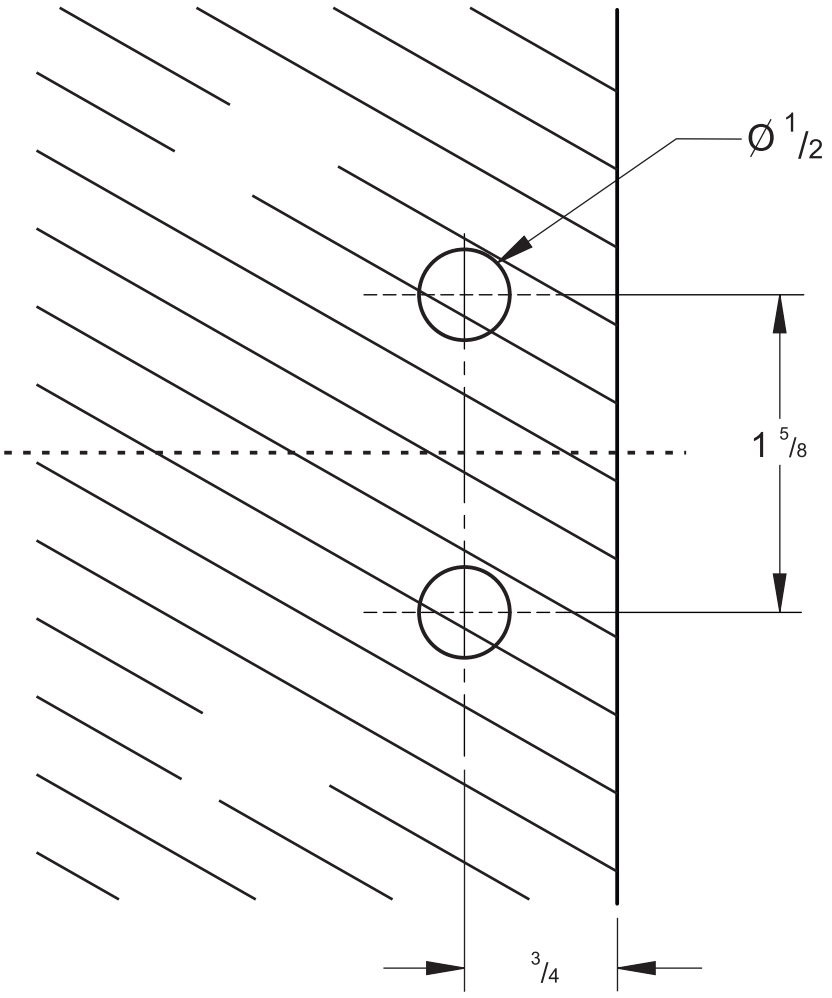
GLASS PREPARATION
600 SERIES LATCH HOLES
GLASS GATES/DOORS



GLASS HOLES AT TOP

POLARIS
SOFT CLOSE HINGE
GLASS GATE SPECIALISTS

GLASS PREPARATION
700 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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