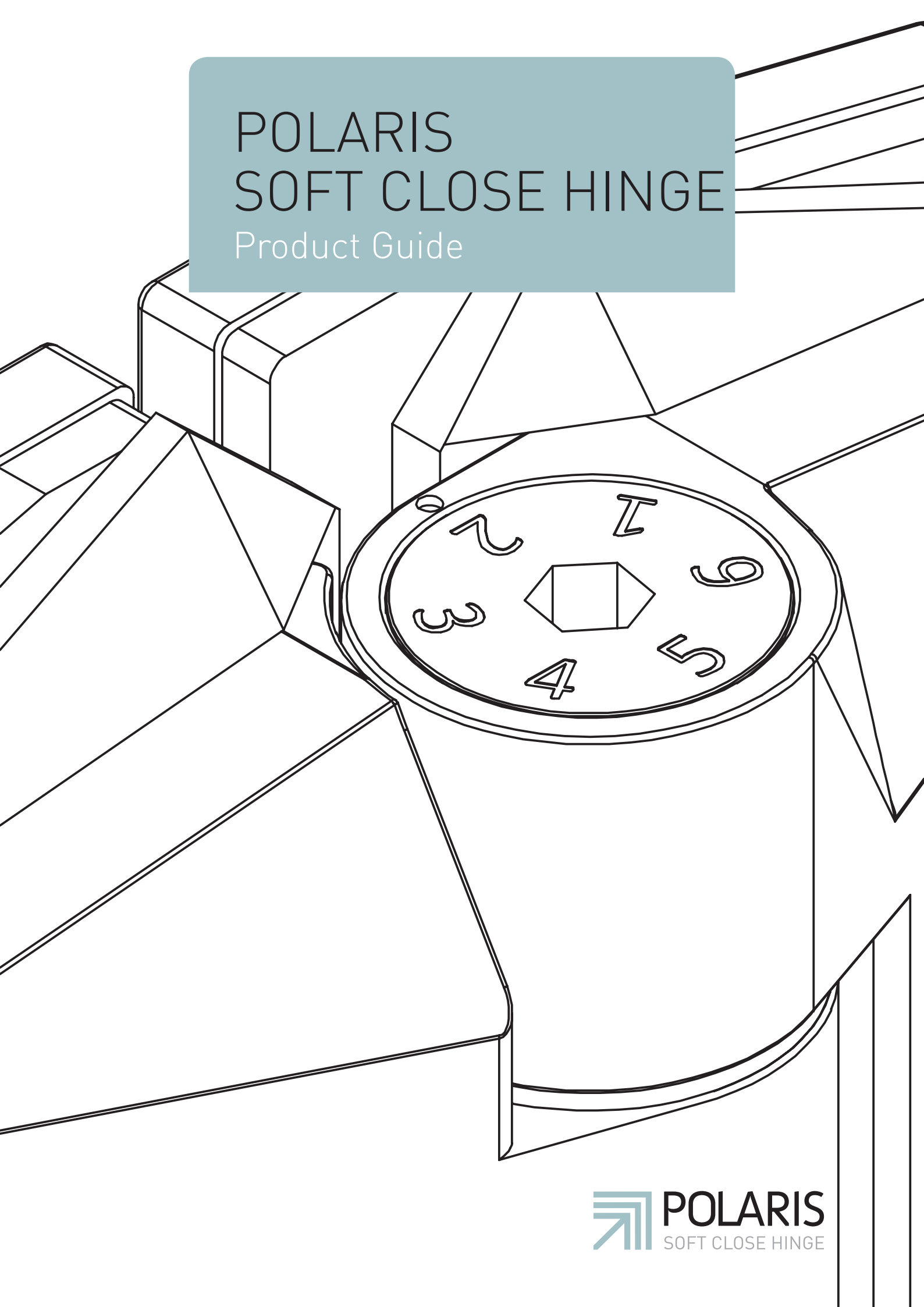


POLARIS SOFT CLOSE HINGE

Product Guide



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. Both the Royal Life Saving Society Australia and the Samuel Morris Foundation—organisations dedicated to preventing child drownings—have endorsed the product for use in Australian pools.

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 (ergonomics and safety) and 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.

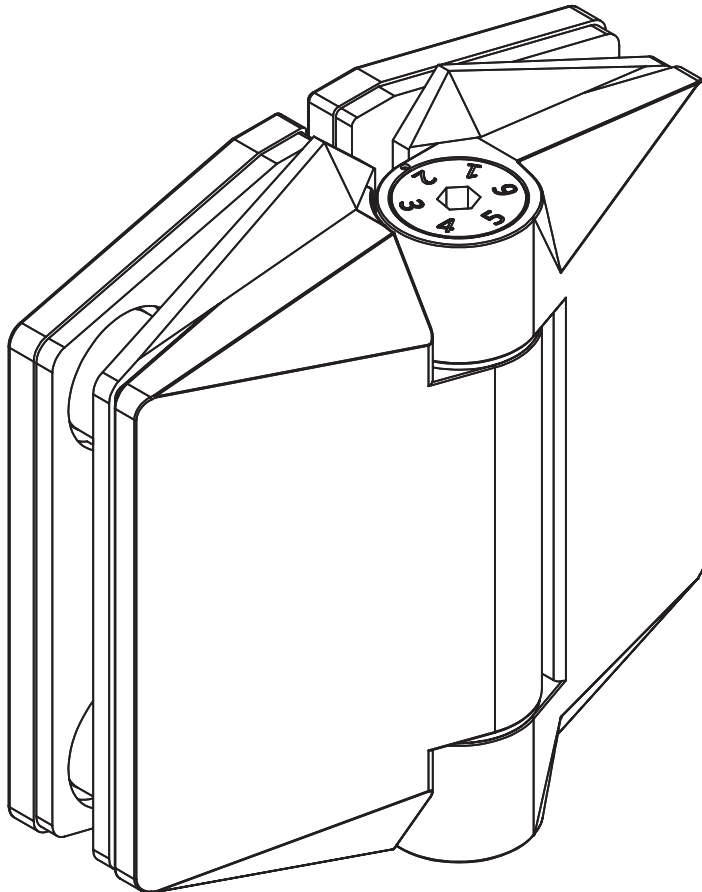
The Polaris Soft Close Hinge is a state-of-the-art product that is ahead of its rivals in design, style and safety.

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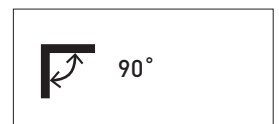
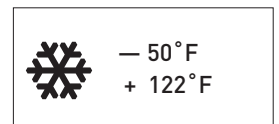
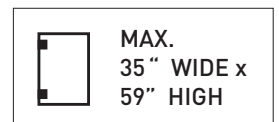
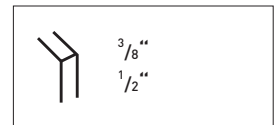
120 SERIES POOL HINGE

GLASS TO GLASS



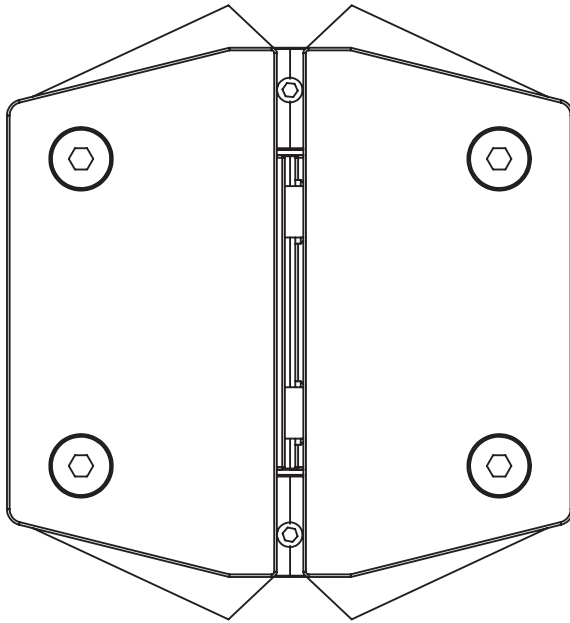
FINISHES AND FUNCTIONS

- 2205 GRADE STAINLESS STEEL
- POLISHED STAINLESS
- BRUSHED STAINLESS
- MATT BLACK
- SINGLEACTION
- SOFTCLOSE
- NON-HOLD OPEN
- ANTI-FOOT-HOLD GASKET

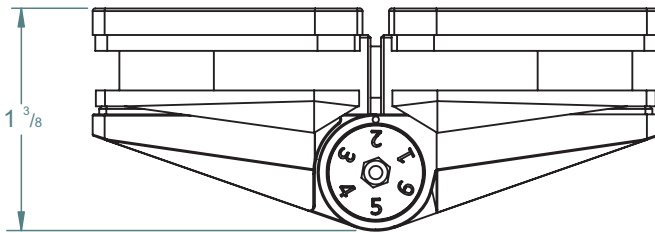


120 SERIES POOL HINGE

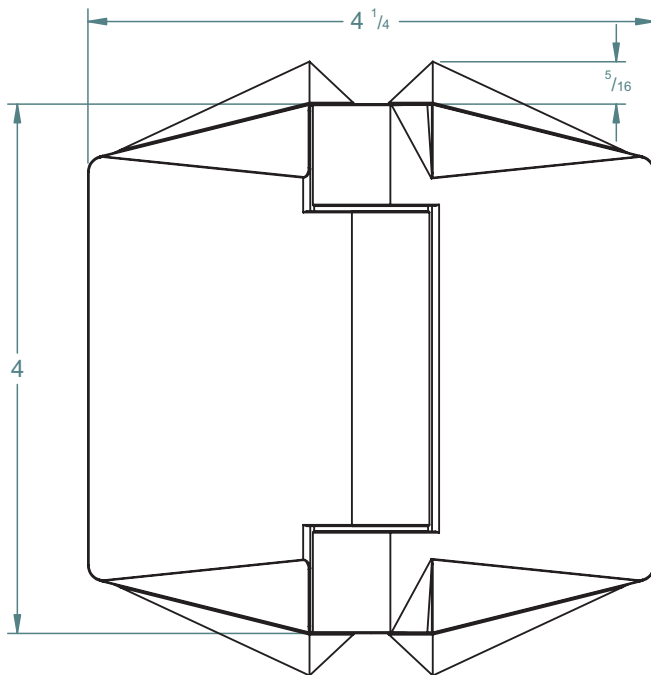
- SELF-CLOSING SAFETY HINGE FOR GLASS POOL FENCING
- TO BE USED WITH CHILD PROOF SAFETY LATCH
- COMPLIES WITH AUSTRALIAN STANDARDS FOR POOL GATE HARDWARE
- NATA ACCREDITED AND INDEPENDENTLY TESTED TO 10'000 CYCLES (NATA = NATIONAL ASSOCIATION OF TESTING AUTHORITIES AUSTRALIA)



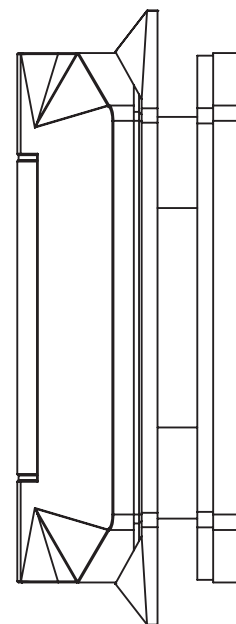
REAR VIEW



TOP VIEW



FRONT VIEW



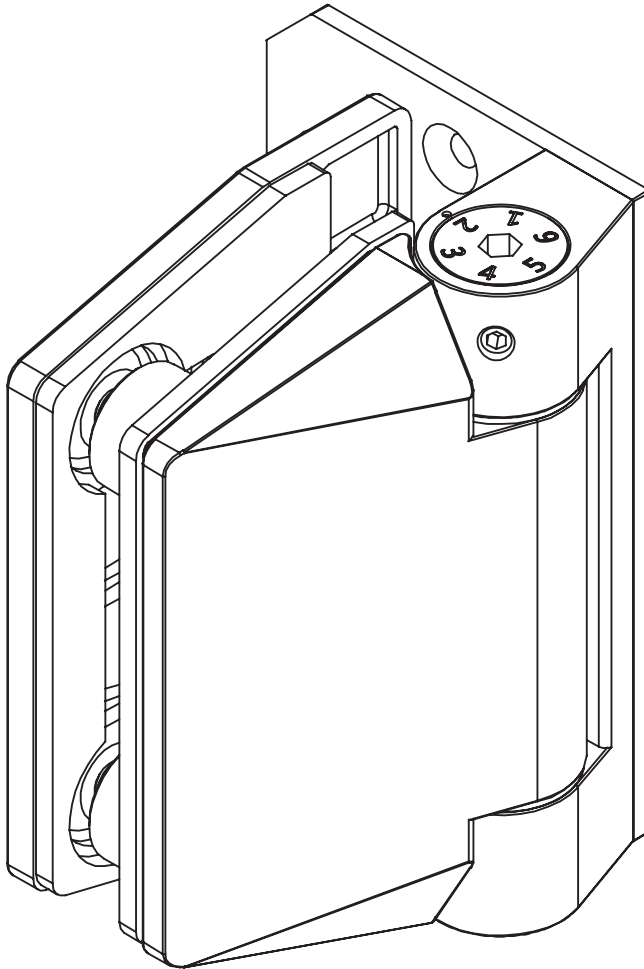
SIDE VIEW

TO ORDER SPECIFY:

- 120PGGP POLISHED FINISH
- 120PGGS BRUSHED FINISH
- 120PGGB BLACK FINISH

120 SERIES POOL HINGE

GLASS TO WALL

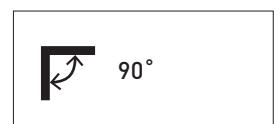
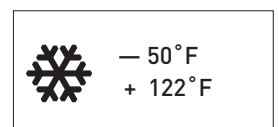
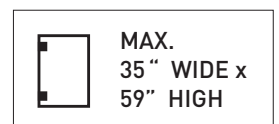
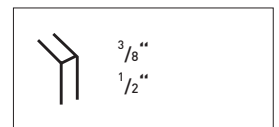


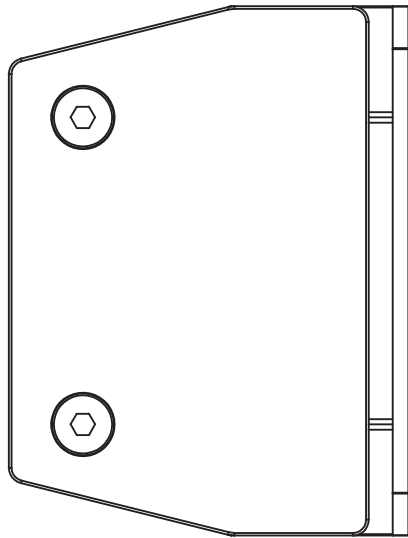
120 SERIES POOL HINGE

- 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 10'000 CYCLES (NATA = NATIONAL ASSOCIATION OF TESTING AUTHORITIES AUSTRALIA)

FINISHES AND FUNCTIONS

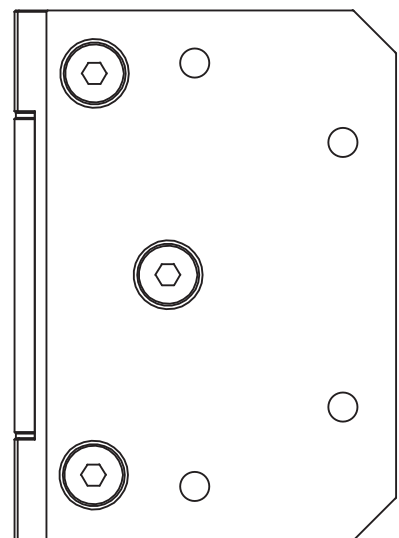
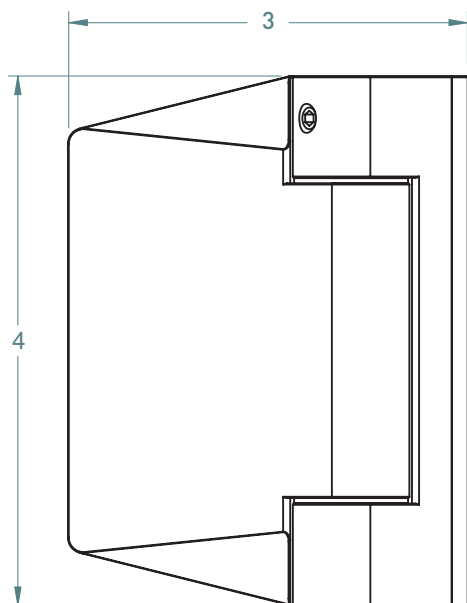
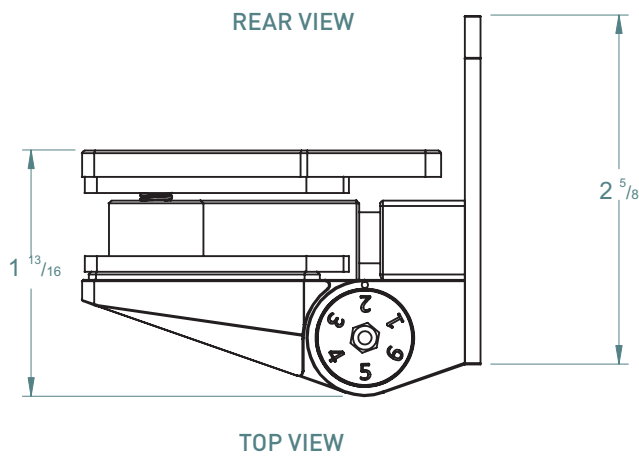
- 2205 GRADE STAINLESS STEEL
- POLISHED STAINLESS
- BRUSHED STAINLESS
- MATT BLACK
- SINGLEACTION
- SOFTCLOSE
- NON-HOLD OPEN
- ANTI-FOOT-HOLD GASKET





TO ORDER SPECIFY:

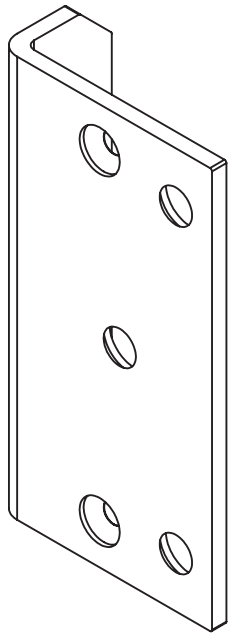
- 120PGWP POLISHED FINISH
- 120PGWS BRUSHED FINISH
- 120PGWB BLACK FINISH



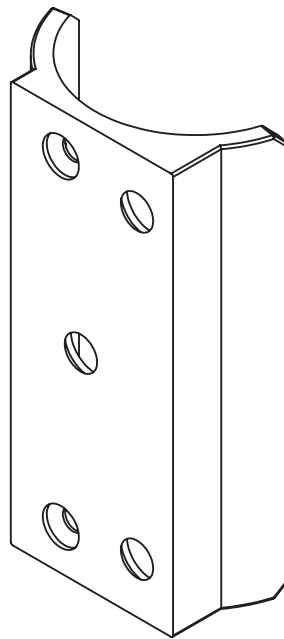
SIDE VIEW

120 SERIES POOL HINGE

GLASS TO POST BRACKETS



**SQUARE POST
BRACKET**
(MODEL 120PSP)



**ROUND POST
BRACKET**
(MODEL 120PRP)

120 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 10'000 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 GLASS TO WALL HINGE (MODEL 120PGW)



MAX.
35" WIDE x
59" HIGH



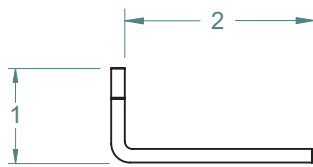
MAX 100 lbs



- 50°F
+ 122°F



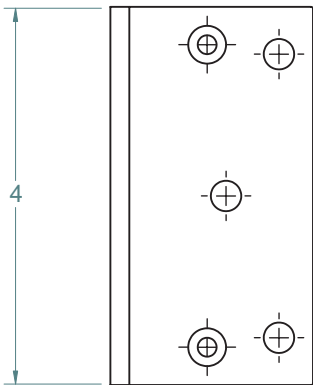
90°



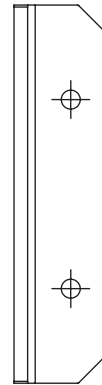
TOP VIEW

SQUARE POST BRACKET
TO ORDER SPECIFY:

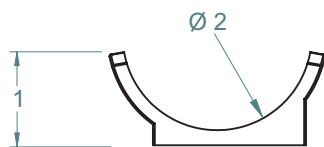
- 120PSPP POLISHED FINISH
- 120PSPS BRUSHED FINISH
- 120PSPB BLACK FINISH



FRONT VIEW



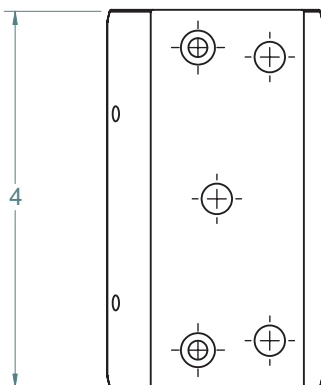
SIDE VIEW



TOP VIEW

ROUND POST BRACKET
TO ORDER SPECIFY:

- 120PRPP POLISHED FINISH
- 120PRPS BRUSHED FINISH
- 120PRPB BLACK FINISH



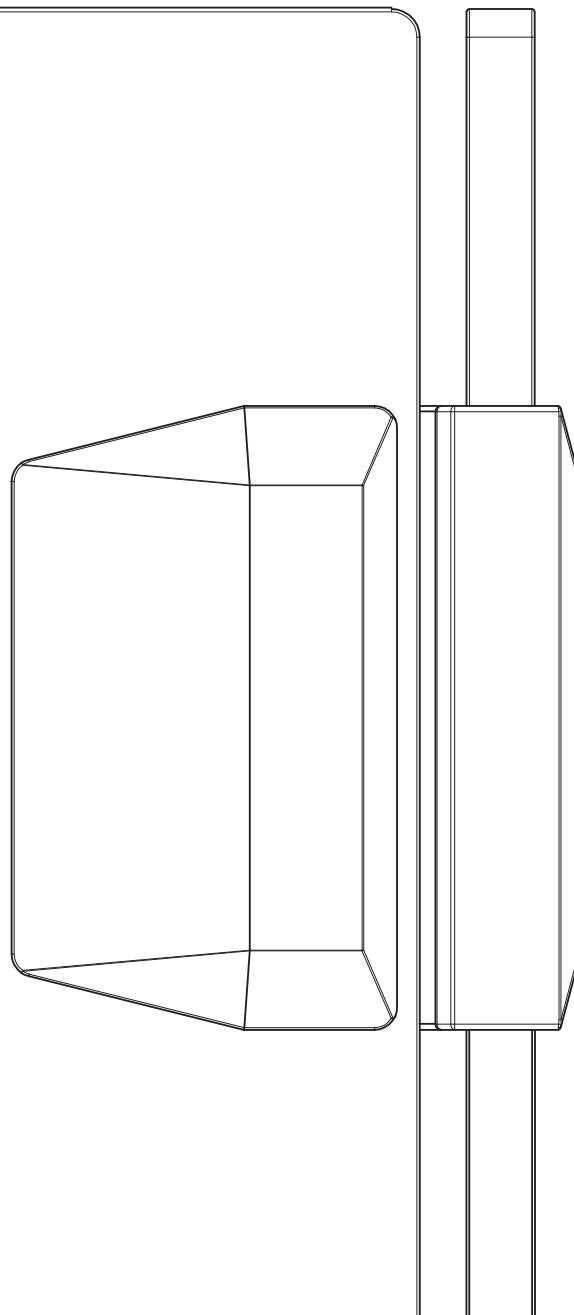
FRONT VIEW



SIDE VIEW

LATCH FOR GLASS FENCE

GLASS TO GLASS 90°

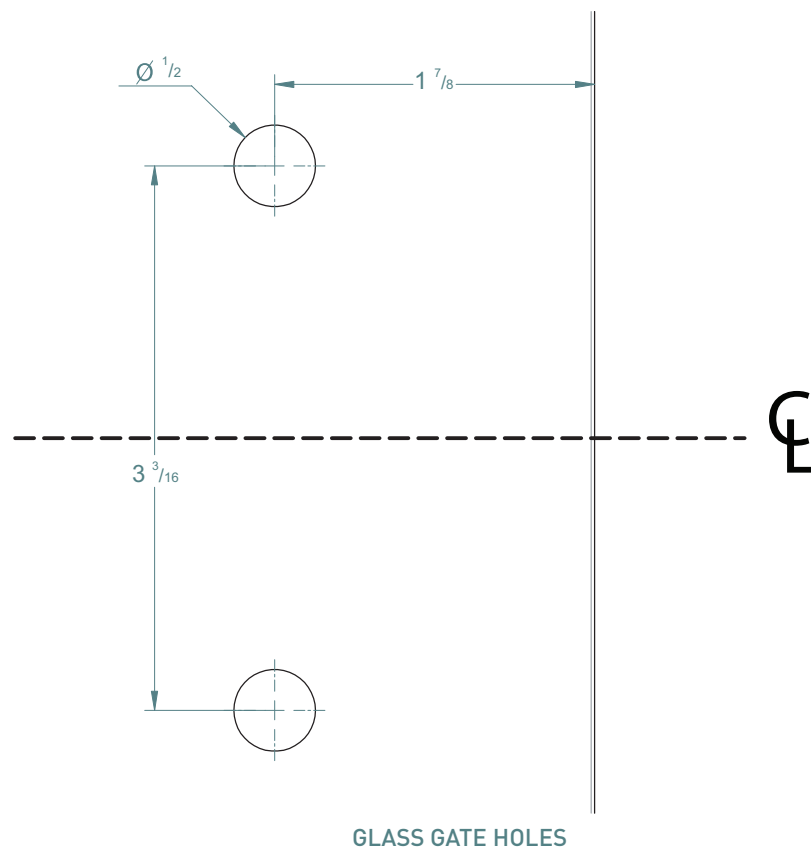
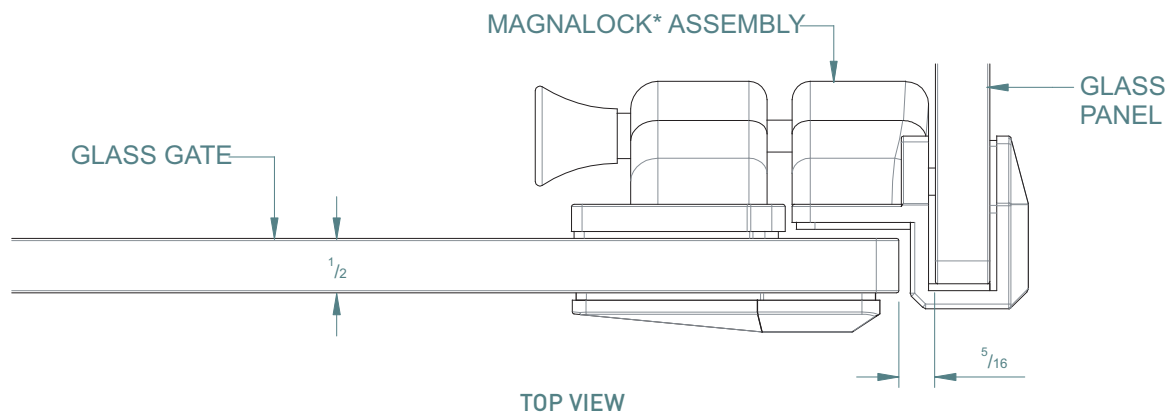


LATCH GLASS TO GLASS 90°

TO ORDER SPECIFY:

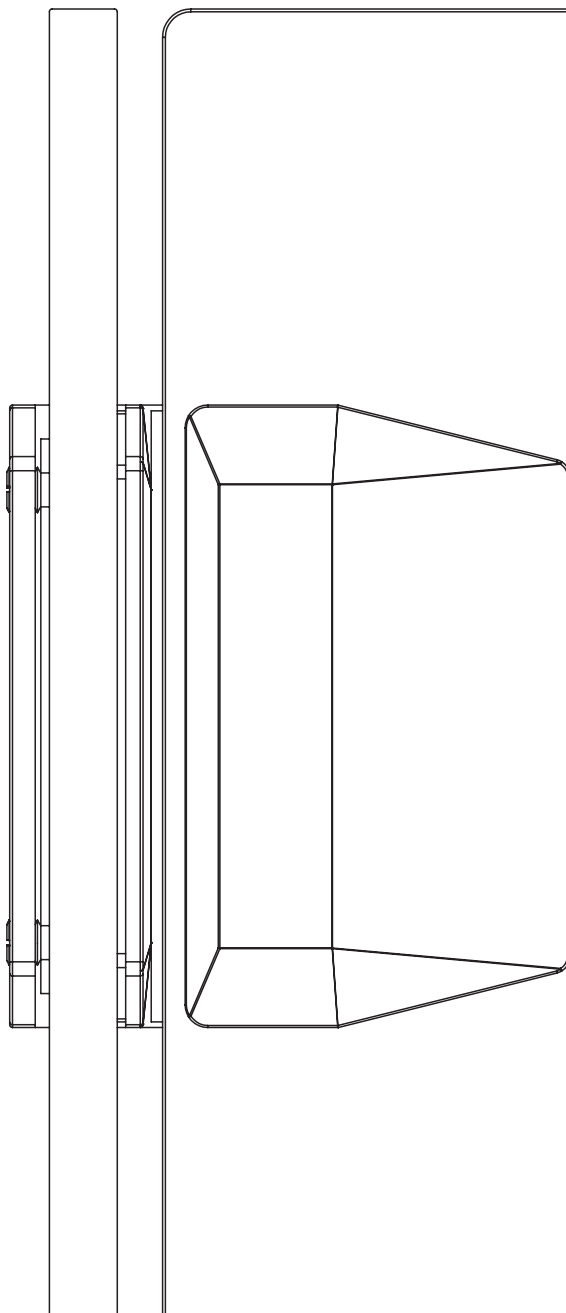
- LAGG90P POLISHED FINISH
- LAGG90S BRUSHED FINISH
- LAGG90B BLACK FINISH

*MAGNALOCK NOT INCLUDED



LATCH FOR GLASS FENCE

GLASS TO GLASS REVERSE 90°

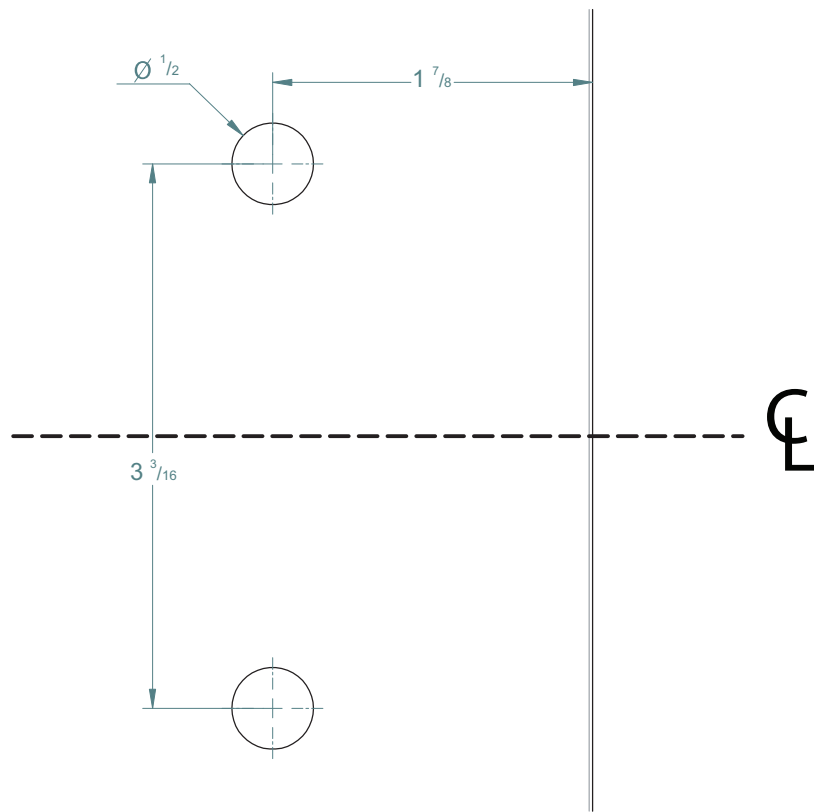
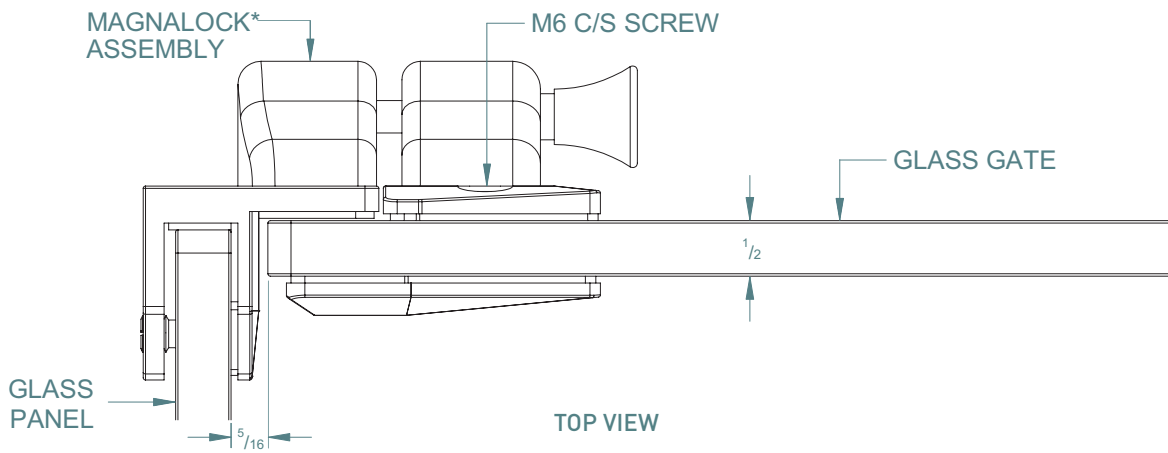


LATCH GLASS TO GLASS REVERSE 90°

TO ORDER SPECIFY:

- LAGGR90P POLISHED FINISH
- LAGGR90S BRUSHED FINISH
- LAGGR90B BLACK FINISH

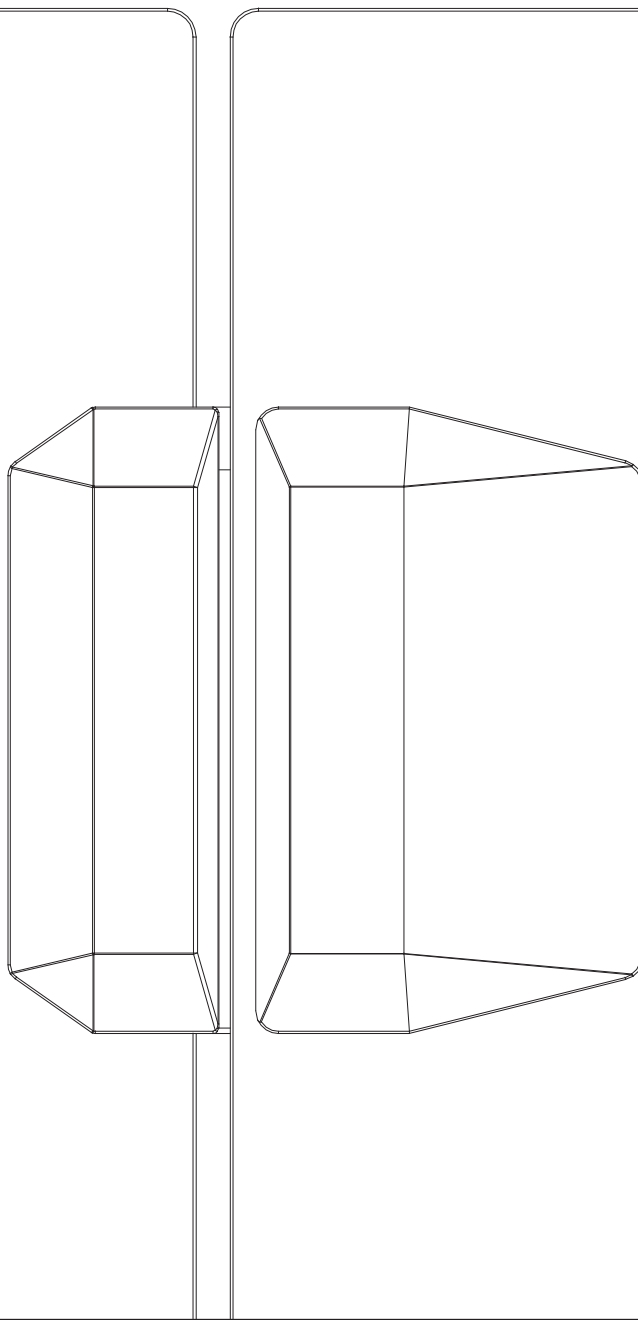
*MAGNALOCK NOT INCLUDED



GLASS GATE HOLES

LATCH FOR GLASS FENCE

GLASS TO GLASS 180°

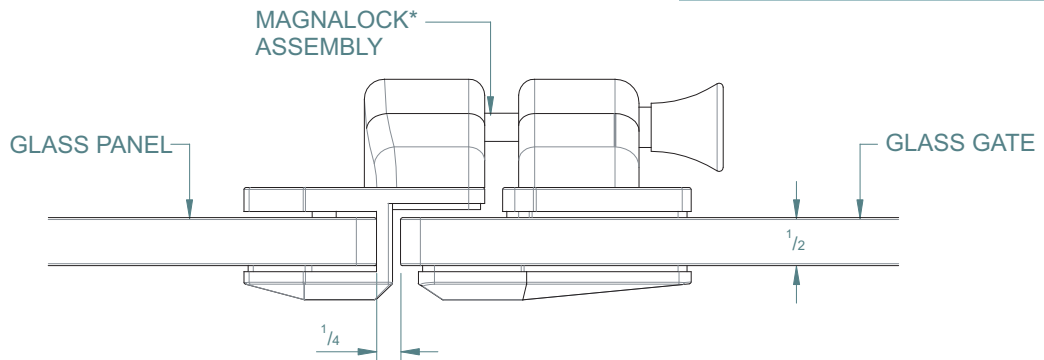


LATCH GLASS TO GLASS 180°

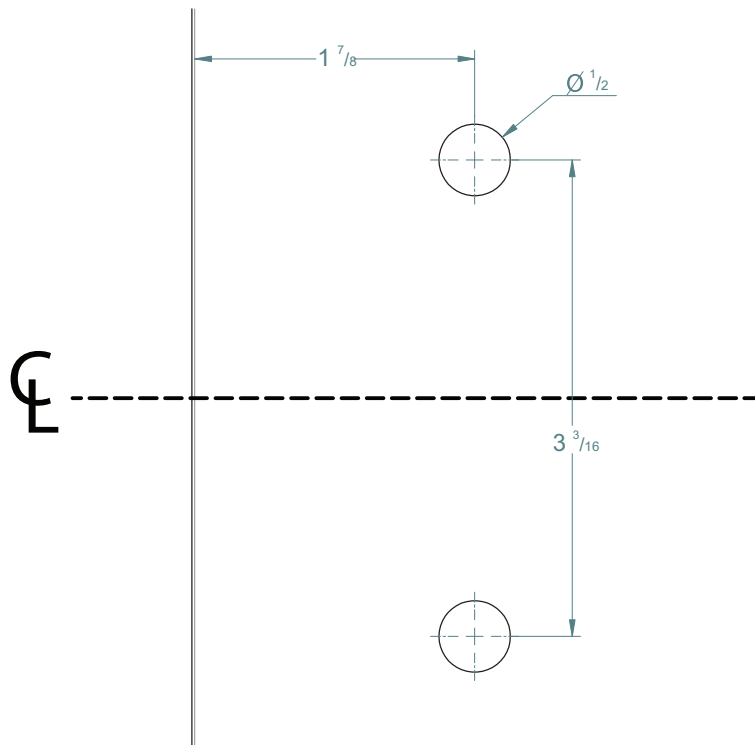
TO ORDER SPECIFY:

- LAGG180P POLISHED FINISH
- LAGG180S BRUSHED FINISH
- LAGG180B BLACK FINISH

*MAGNALOCK NOT INCLUDED

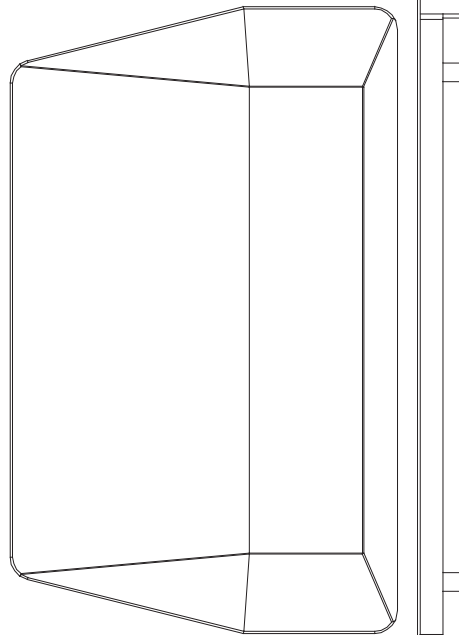


TOP VIEW



GLASS GATE HOLES

LATCH FOR GLASS FENCE GLASS TO WALL/POST

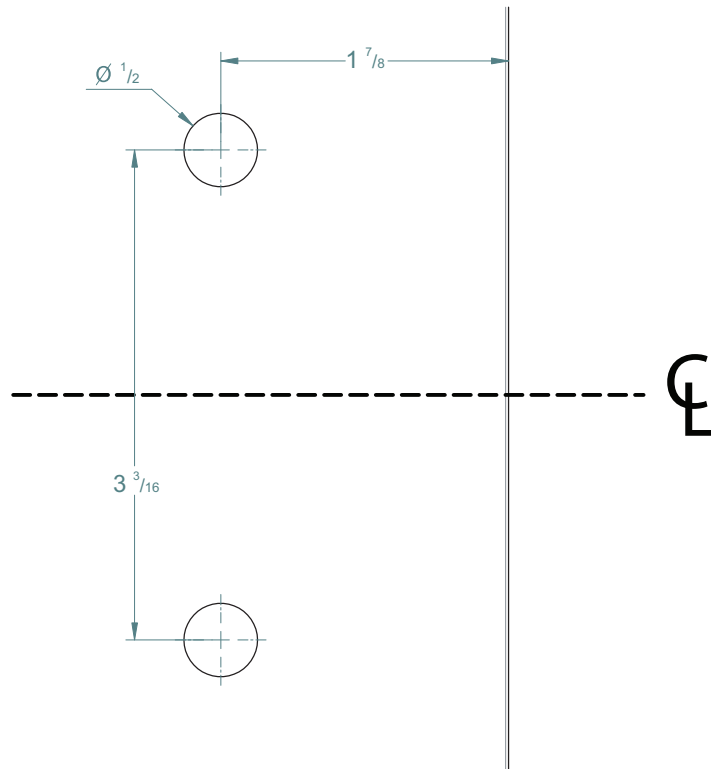
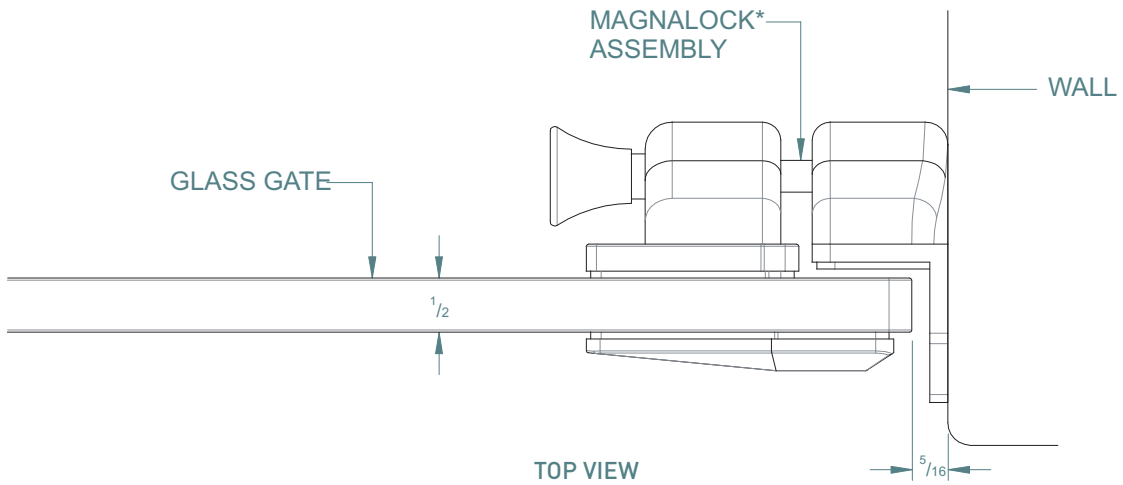


LATCH GLASS TO WALL/POST

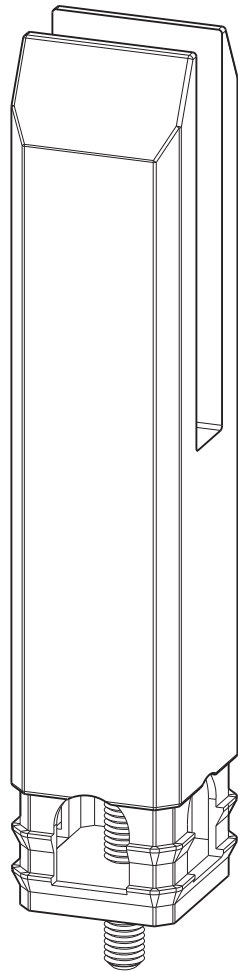
TO ORDER SPECIFY:

- LAGWP POLISHED FINISH
- LAGWS BRUSHED FINISH
- LAGWB BLACK FINISH

*MAGNALOCK NOT INCLUDED

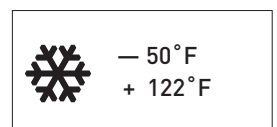
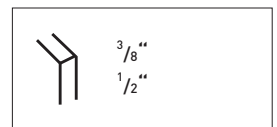


SPIGOT - CORE DRILL GLASS PANELS



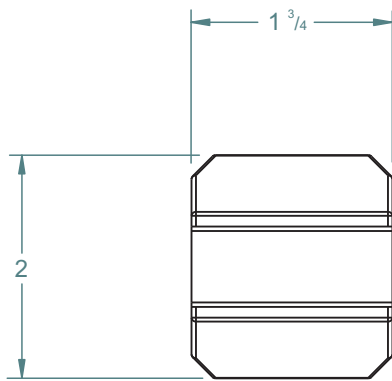
FINISHES AND FUNCTIONS

- 2205 GRADE STAINLESS STEEL
- POLISHED STAINLESS
- SATIN STAINLESS



ADVANTAGES

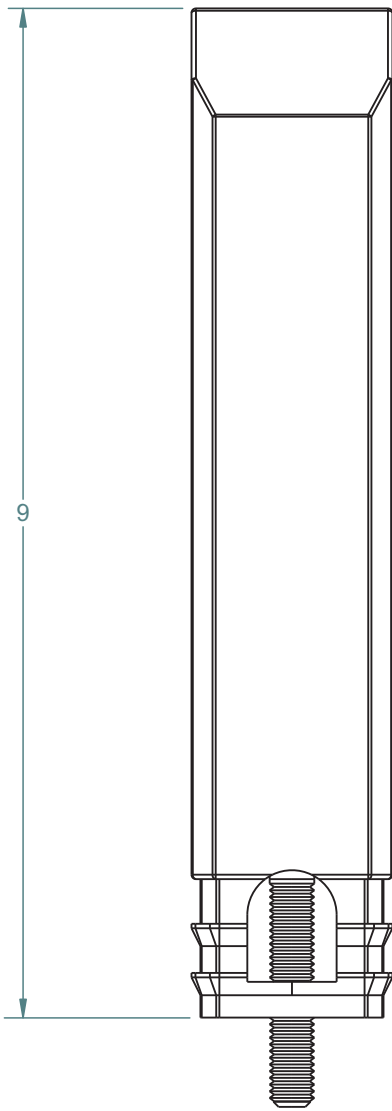
- TIMELESS SQUARE DESIGN WITH MINIMAL VISIBLE FIXINGS AT REAR
- 45mm (1³/₄") FRONT FACE PROFILE
- RECESSED FRICTION PLATE PROVIDES A NEAT FINISH AND EASY INSTALLATION
- TAPERED TOP TO COMPLY WITH 'NO TOE HOLD' REQUIREMENTS
- M10 BOLT AT BOTTOM OF SPIGOT PROVIDES UP TO 60mm (2³/₈") OF VERTICAL HEIGHT ADJUSTMENT, AN EARTHING POINT IF REQUIRED, AND EXTRA ANCHORING IN FOOTINGS



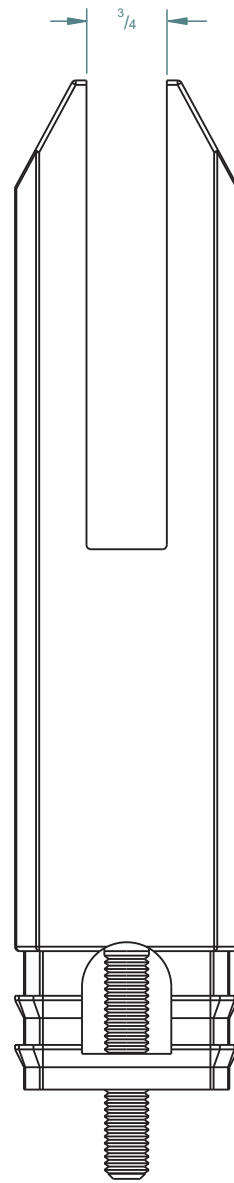
TOP VIEW

TO ORDER SPECIFY:

- SP/1/P POLISHED FINISH
- SP/1/S SATIN FINISH



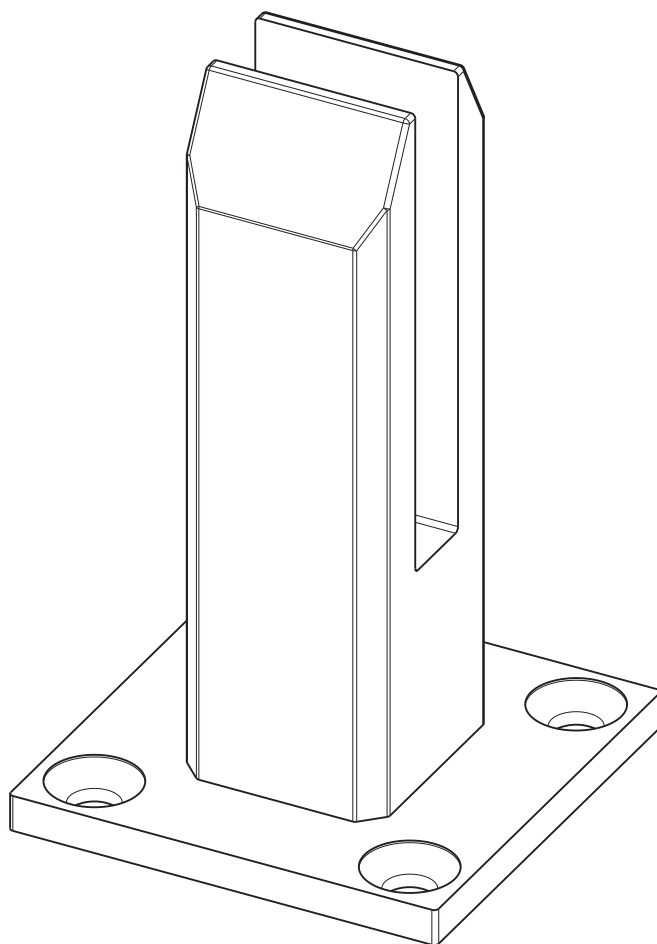
FRONT VIEW



SIDE VIEW

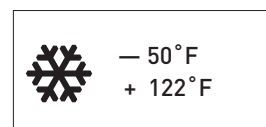
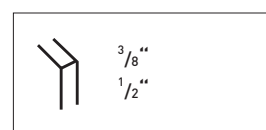
SPIGOT - BASE PLATE

GLASS PANELS



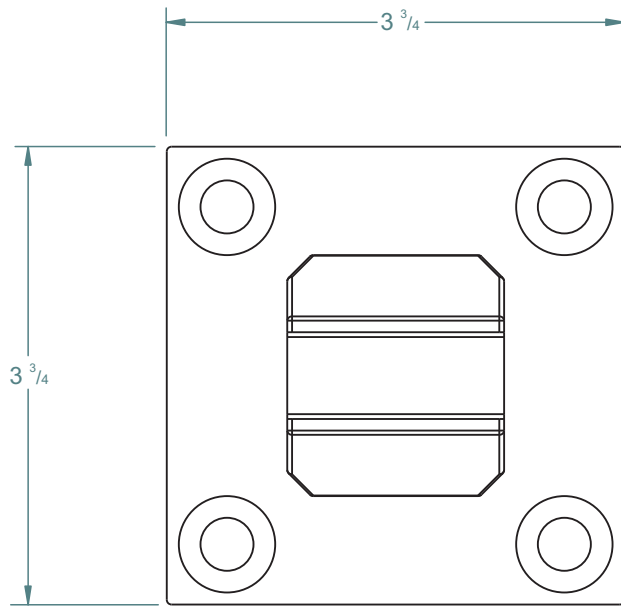
FINISHES AND FUNCTIONS

- 2205 GRADE STAINLESS STEEL
- POLISHED STAINLESS
- SATIN STAINLESS



ADVANTAGES

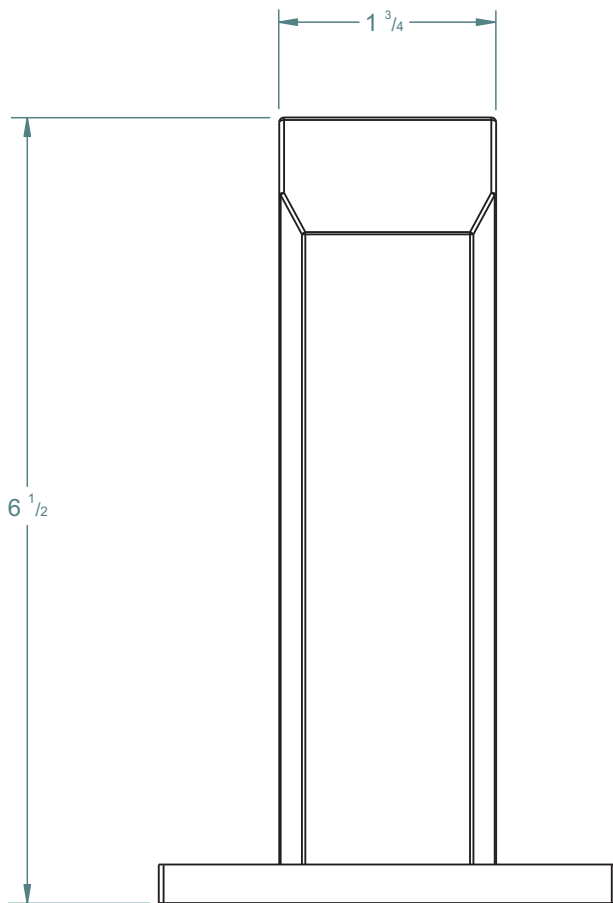
- TIMELESS SQUARE DESIGN WITH MINIMAL VISIBLE FIXINGS AT REAR
- 45mm (1³/₄") FRONT FACE PROFILE
- RECESSED FRICTION PLATE PROVIDES A NEAT FINISH AND EASY INSTALLATION
- BASE PLATE FEATURES 4x CSK HOLES TO ENABLE FLUSH FIXING
- TAPERED TOP TO COMPLY WITH 'NO TOE HOLD' REQUIREMENTS



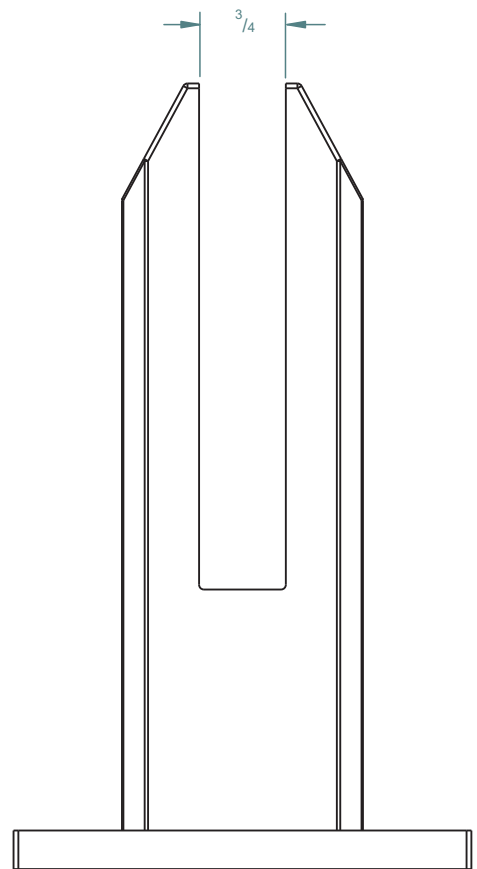
TOP VIEW

TO ORDER SPECIFY:

- SP/2/P POLISHED FINISH
- SP/2/S SATIN FINISH

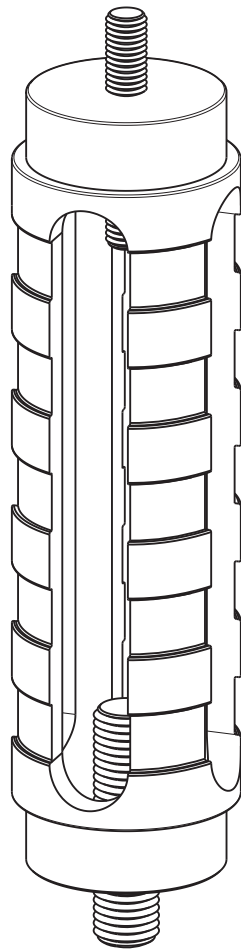


FRONT VIEW



SIDE VIEW

SPIGOT - EXTENDER GLASS PANELS



FINISHES AND FUNCTIONS

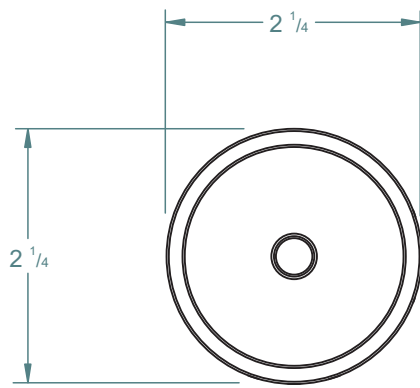
- 304 GRADE STAINLESS STEEL
- FACTORY FINISH
- FITS SPIGOT - CORE DRILL MODEL



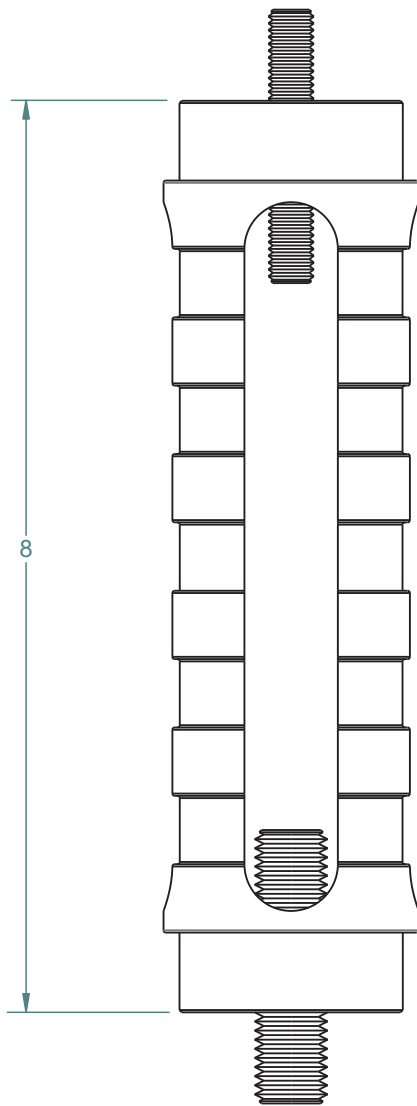
− 50°F
+ 122°F

ADVANTAGES

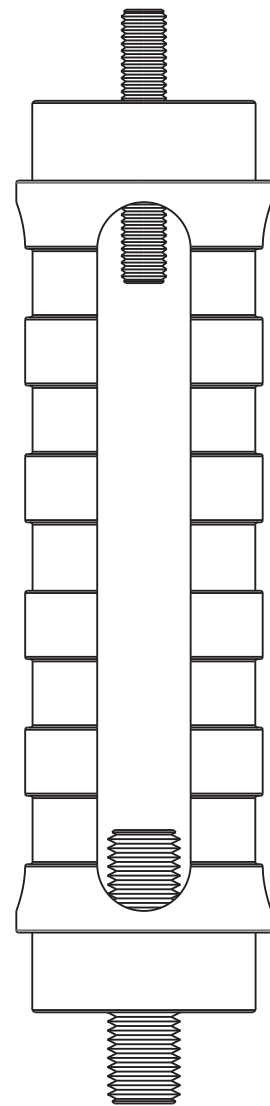
- ADDS AN ADDITIONAL 200mm (4") TO SPIGOT - CORE DRILL MODEL HEIGHT WHERE APPLICABLE



TOP VIEW

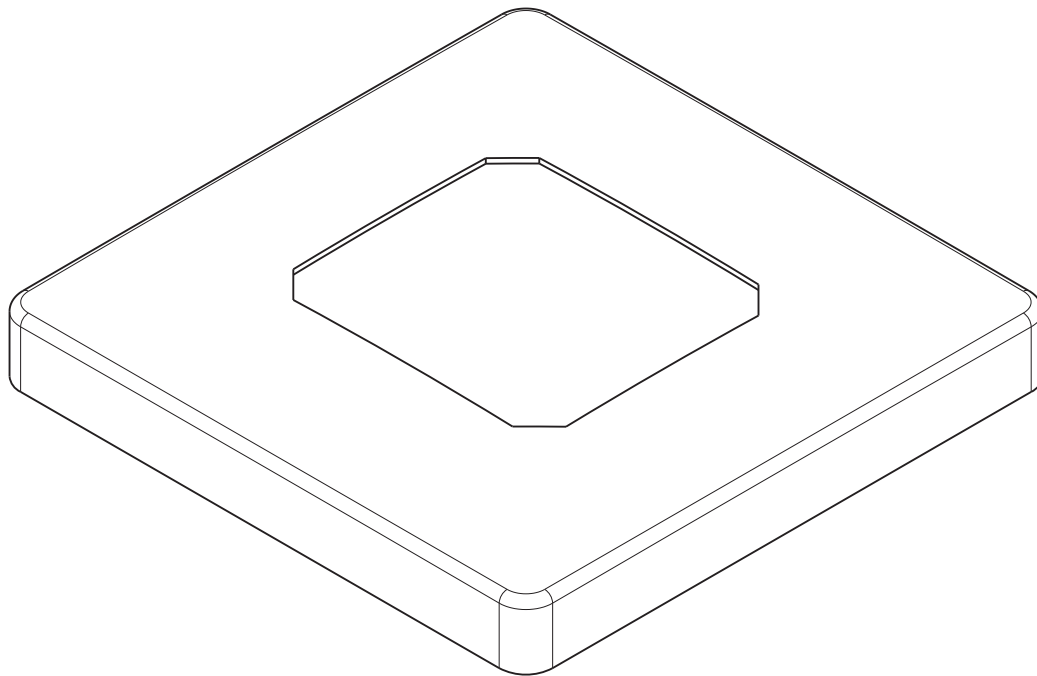


FRONT VIEW



SIDE VIEW

SPIGOT - COVER PLATE GLASS PANELS



FINISHES AND FUNCTIONS

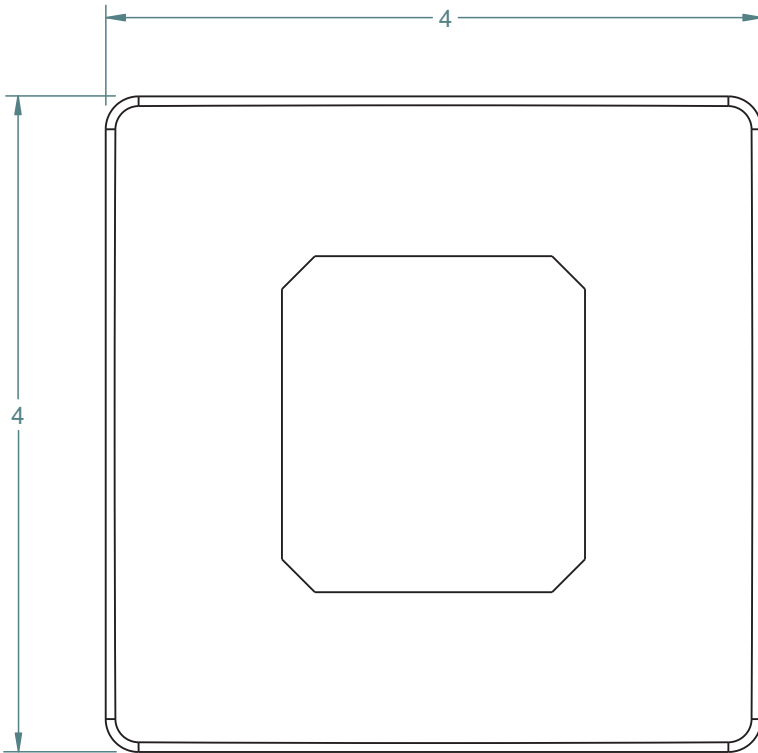
- 304 GRADE STAINLESS STEEL
- FITS BOTH OF THE SPIGOT MODELS
- POLISHED STAINLESS
- SATIN STAINLESS



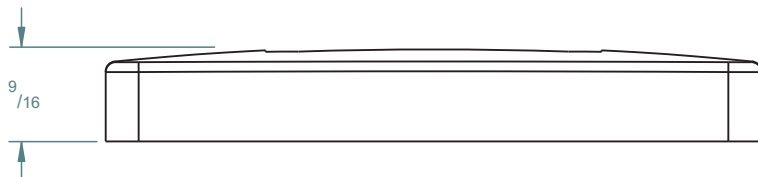
— 50°F
+ 122°F

TO ORDER SPECIFY:

- SDC-P POLISHED FINISH
- SDC-S SATIN FINISH



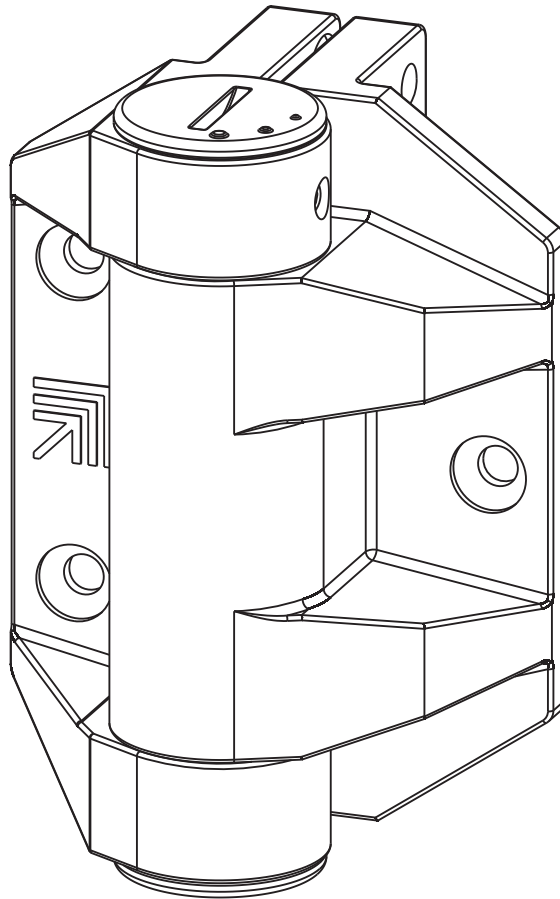
TOP VIEW



FRONT VIEW

POLY HINGE

GLASS TO GLASS



FINISHES AND FUNCTIONS

- HEAVY DUTY
GLASS FILLED NYLON
- MATT BLACK
- SINGLE ACTION
- SOFT CLOSE
- NON-HOLD OPEN
- ADJUSTABLE SPRING FORCE



MAX 50 lbs



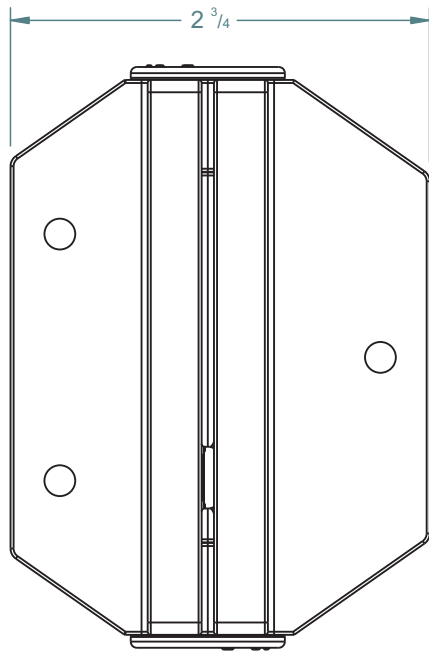
- 50°F
+ 122°F



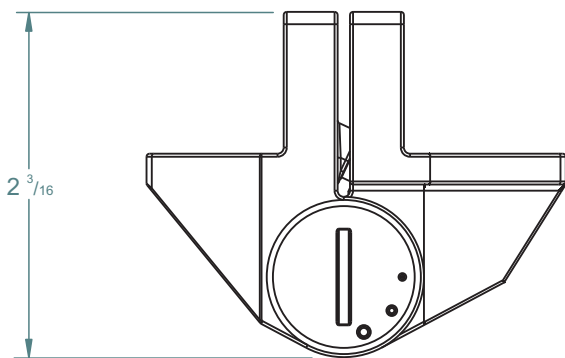
170°

POLY HINGE ADVANTAGES

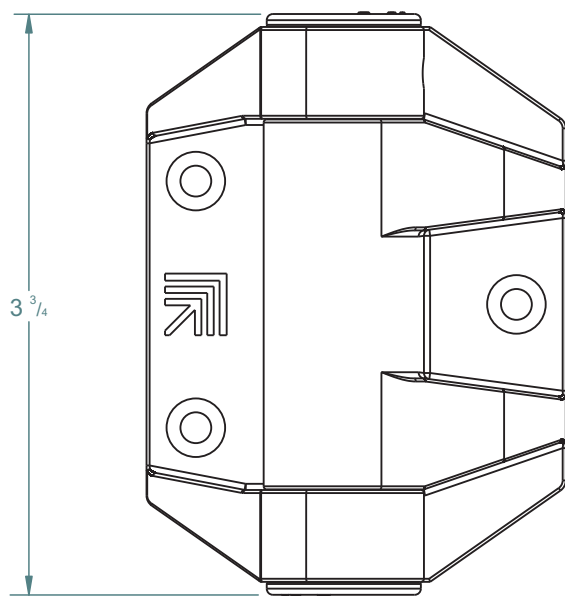
- SELF-CLOSING SAFETY HINGE FOR LIGHT WEIGHT POOL FENCING
- TO BE USED WITH CHILD PROOF SAFETY LATCH
- COMPLIES WITH AUSTRALIAN STANDARDS FOR POOL GATE HARDWARE
- NATA ACCREDITED AND INDEPENDENTLY TESTED TO 10'000 CYCLES
(NATA = NATIONAL ASSOCIATION OF TESTING AUTHORITIES AUSTRALIA)



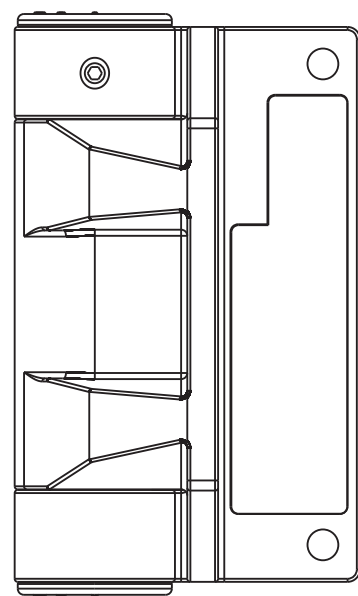
REAR VIEW



TOP VIEW



FRONT VIEW

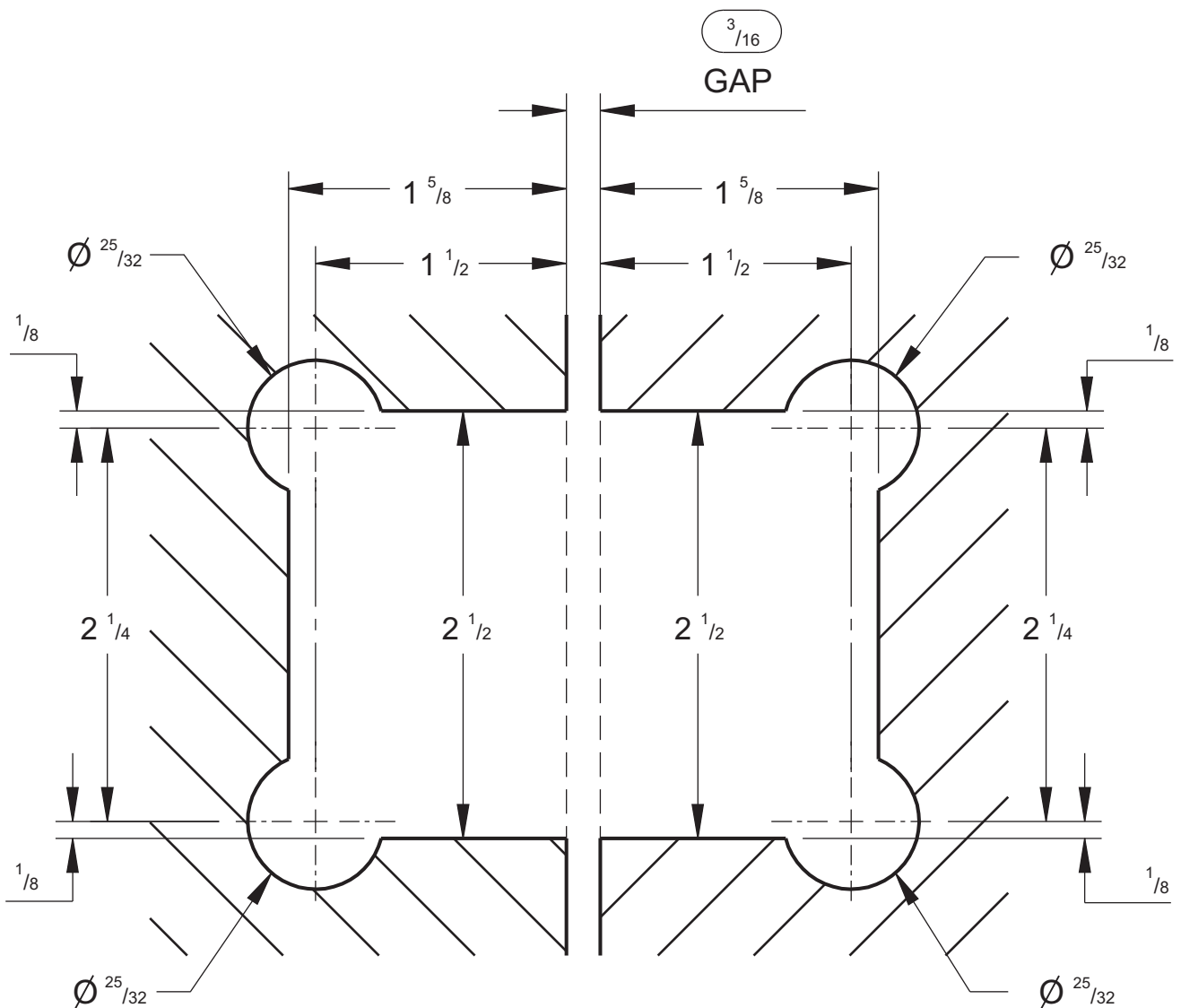


SIDE VIEW

GLASS PREPARATION

120 SERIES HINGE

GLASS TO GLASS

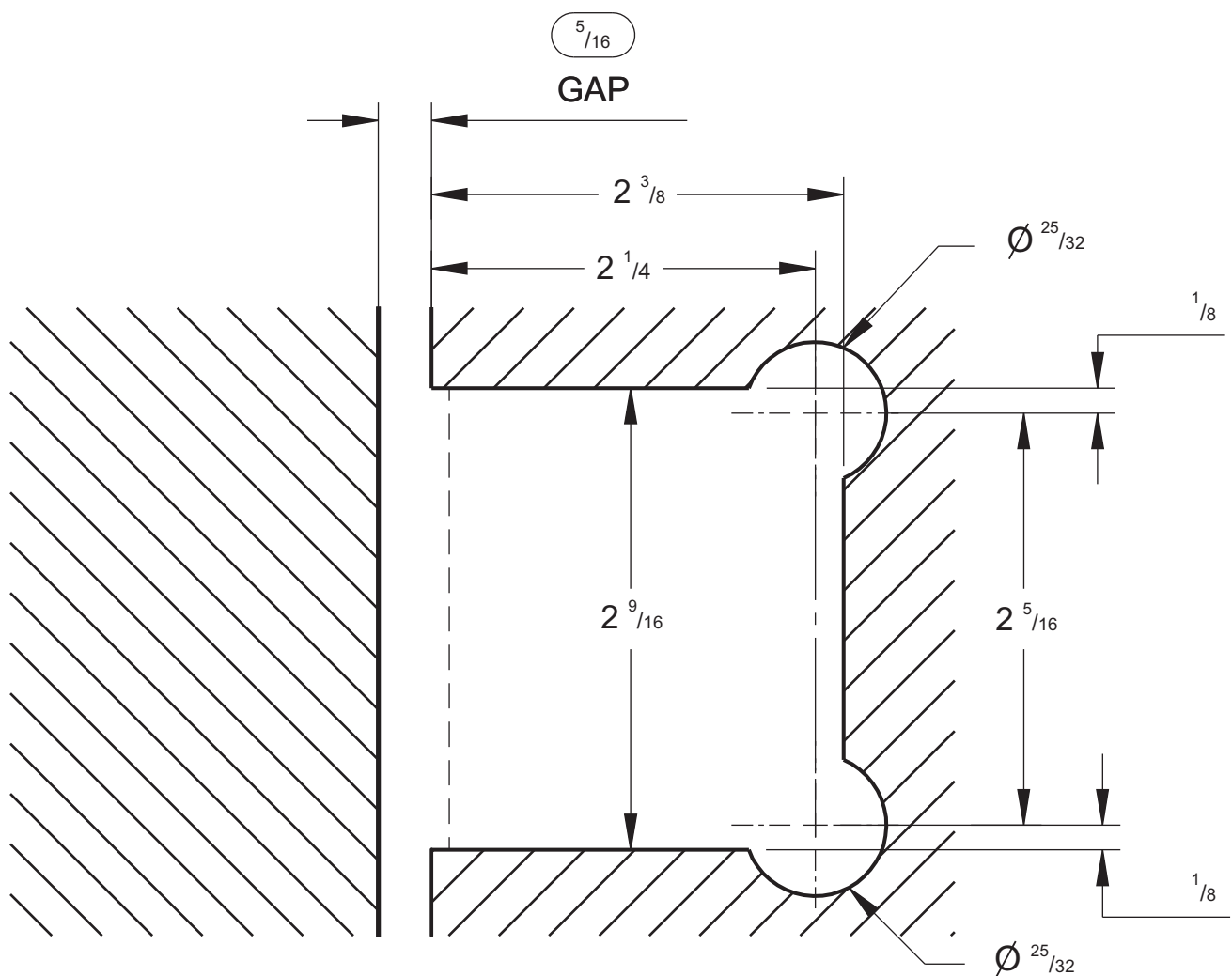


GLASS CUT-OUT TOP AND BOTTOM
(ALL DIMENSIONS IN MILLIMETERS)

GLASS PREPARATION

120 SERIES HINGE

GLASS TO WALL/POST



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

GLASS PREPARATION

LATCH

GLASS SLOTS

