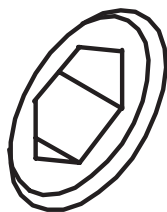




POLARIS
SOFT CLOSE HINGE

Product Guide

S E P T E M B E R 2 0 1 2



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, high-powered magnets and shock absorbers to ensure gentle closing every time from any 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 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.

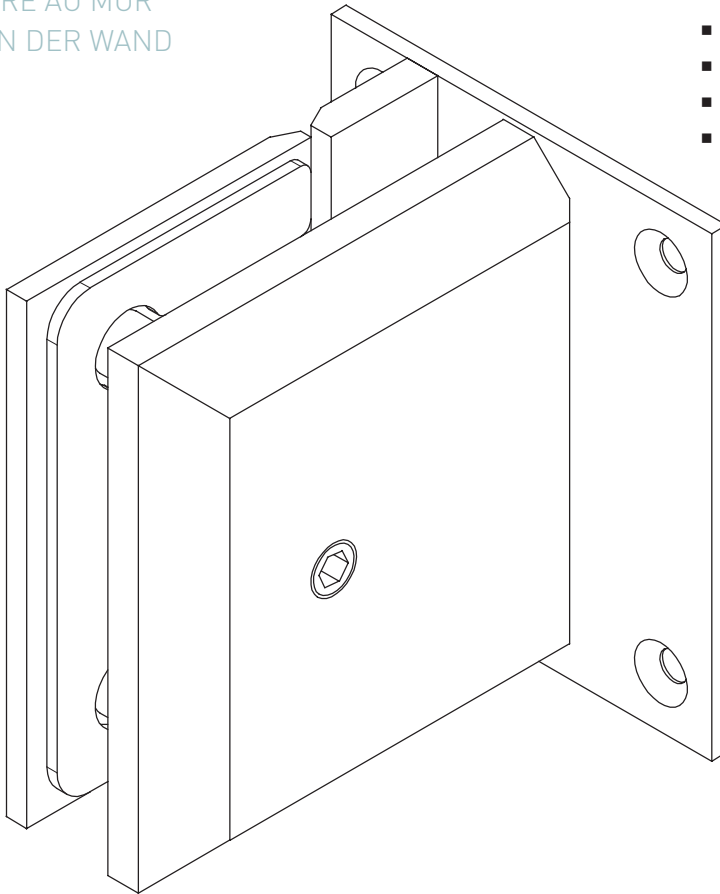
CONTENTS

01	INTERIOR AUTO HINGE	1-6
	Glass to Wall	
	Glass to Glass	
	Glass to Wall offset plate	
02	SHOWER HINGE	7-12
	Glass to Glass	
	Glass to Wall	
	Glass to Wall offset plate	
03	POOL FENCE SAFETY HINGE	13-22
	Glass to Glass	
	Glass to Wall	
	Glass to Wall offset plate	
	Glass to Square Post	
	Glass to Round Post	
04	LATCHES	23-26
	Glass to Glass 90 degrees	
	Glass to Glass 180 degrees	
05	MISCELLANEOUS	27-28
	Glass to Glass cut out	
	Glass to Wall/Post cut out	

INTERIOR AUTO HINGE GLASS TO WALL

MODEL IGW

CHARNIERE-AUTO INTERIEURE
AUTO SCHARNIER INTERIEUR
DU VERRE AU MUR
GLAS AN DER WAND



FINISHES AND FUNCTIONS

- GLASS TO WALL
- 304 GRADE STAINLESS STEEL
- MIRROR POLISHED
- SATIN POLISHED
- SINGLE ACTION
- SOFT CLOSE
- NON-HOLD OPEN

FINITIONS ET FONCTIONS

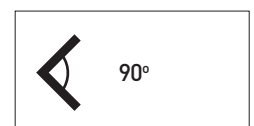
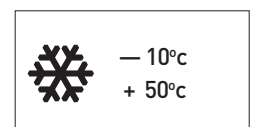
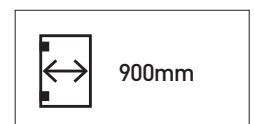
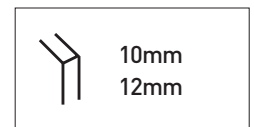
- DU VERRE AU MUR
- ACIER INOXYDABLE 304
- MIROIR POLI
- SATINE
- UN SENS, ACTION UNIQUE
- FERMETURE DOUCE
- FERMETURE AUTOMATIQUE

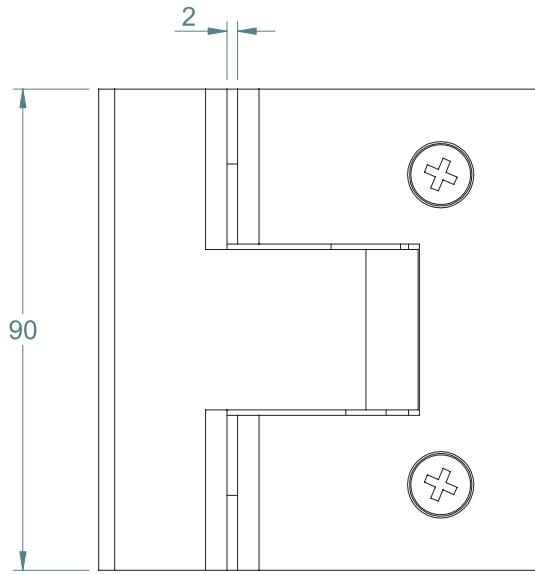
OBERFLAECHEN UND FUNKTIONEN

- GLAS AN DER WAND
- EDELSTAHL 304
- HOCHGLANZ POLIERT
- SATINIERT POLIERT
- EINZELNE AKTION
- NICHT OFFEN HALTEN

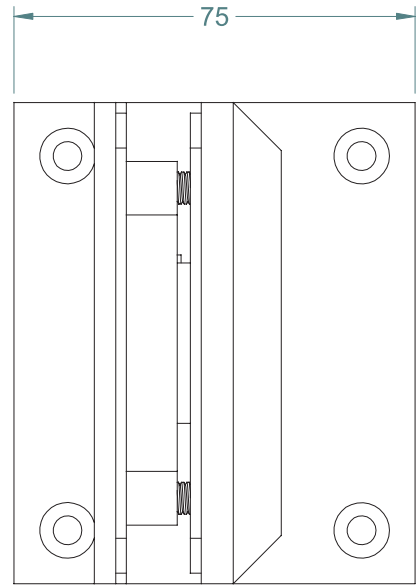
INTERIOR AUTO HINGE
CHARNIERE-AUTO INTERIEURE
AUTO SCHARNIER INTERIEUR

- | | | |
|---|--|--|
| <ul style="list-style-type: none"> ■ USED WITH DOOR STOP ■ AUTO CLOSE FROM ANY ANGLE ■ WITH HYDRAULIC SOFT CLOSE ■ CYCLE TESTED | <ul style="list-style-type: none"> ■ UTILISATION AVEC BUTEE DE PORTE ■ FERMETURE AUTOMATIQUE DE N'IMPORTE ■ QUEL ANGLE SANS JAMAIS CLAQUER ■ CYCLE TESTE | <ul style="list-style-type: none"> ■ VERWENDUNG MIT TURANSCHLAG ■ SCHLIESSEN, AUS JEDEM WINKEL ■ OHNE ZUSCHLAGEN ■ ZYKLUS GETESTET |
|---|--|--|

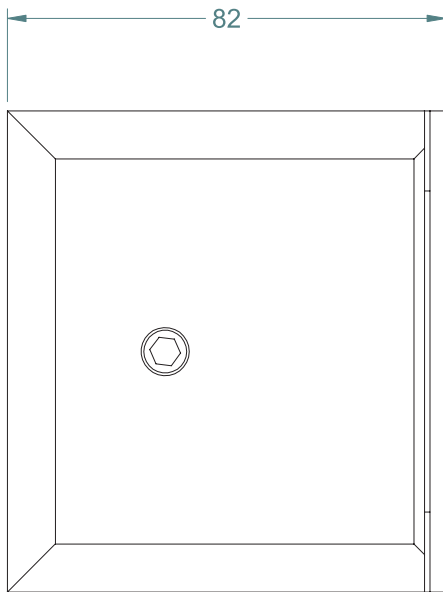




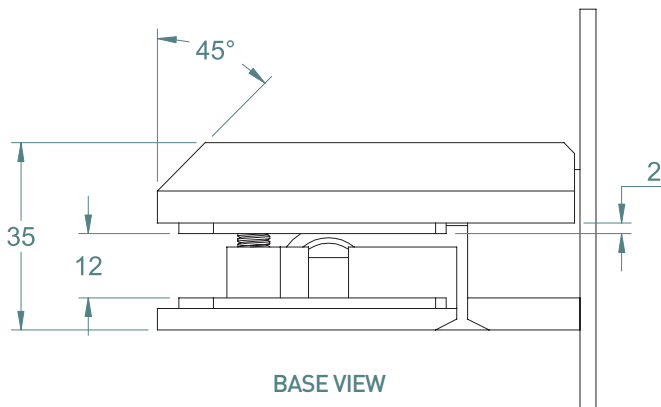
FRONT VIEW



SIDE VIEW



REAR VIEW



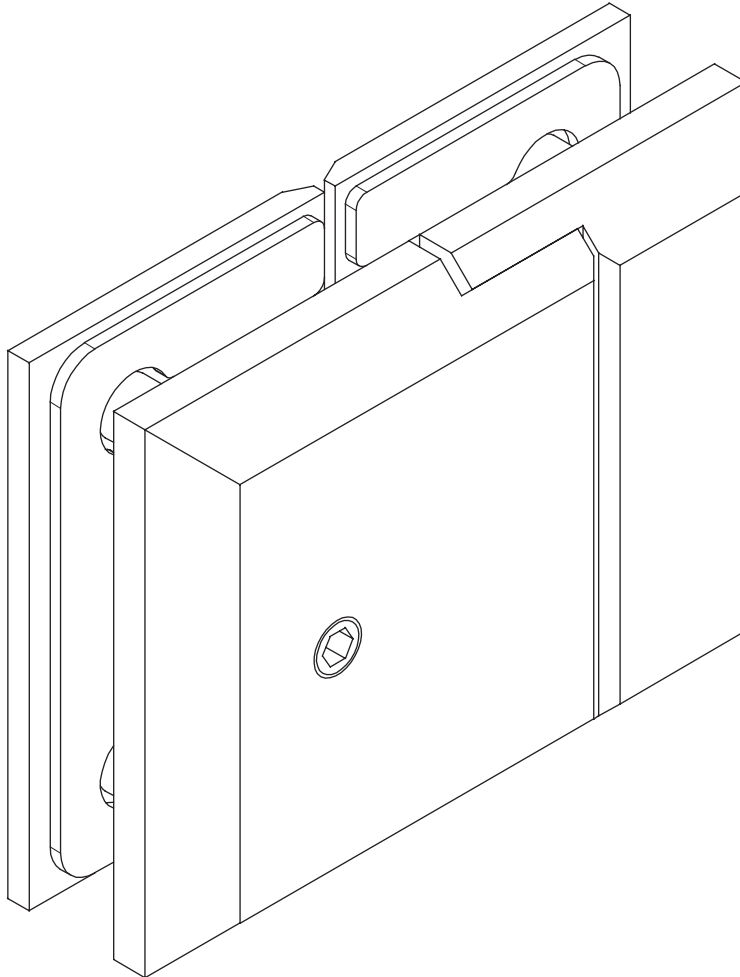
BASE VIEW

TO ORDER SPECIFY:

- I GWP POLISHED FINISHED
- I GWS SATIN FINISH

INTERIOR AUTO HINGE

GLASS TO GLASS

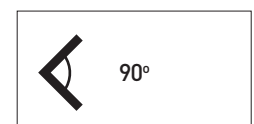
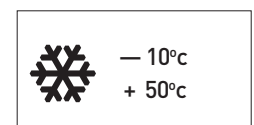
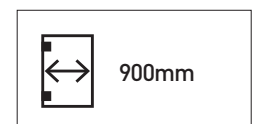
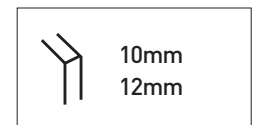


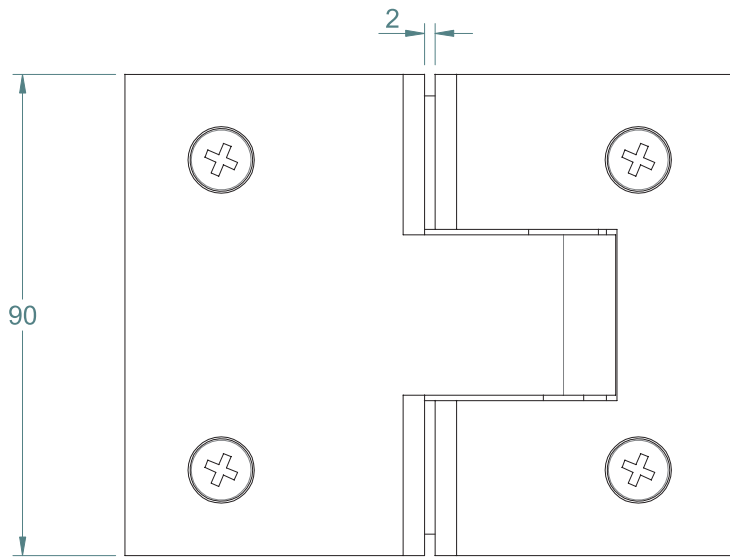
INTERIOR AUTO HINGE

- USE WITH DOOR STOP
- AUTO CLOSE FROM ANY ANGLE
- WITH HYDRAULIC SOFT CLOSE
- CYCLE TESTED

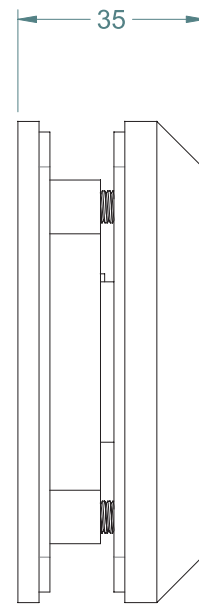
FINISHES AND FUNCTIONS

- 304 GRADE STAINLESS STEEL
- MIRROR POLISHED
- SATIN POLISHED
- SINGLE ACTION
- SOFT CLOSE
- NO-HOLD OPEN

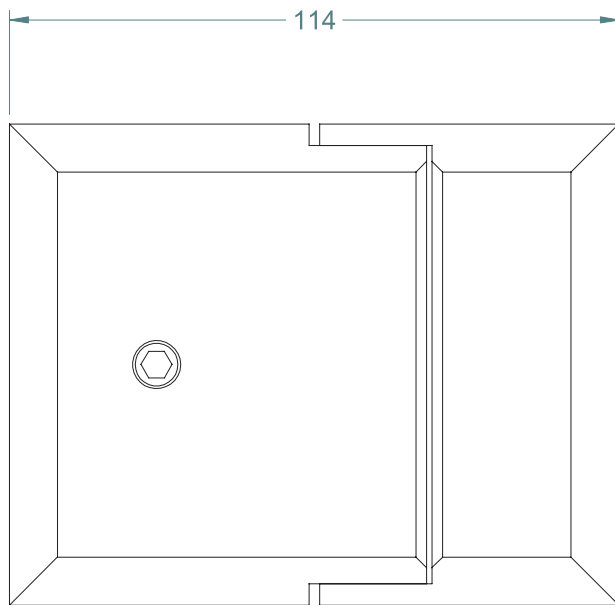




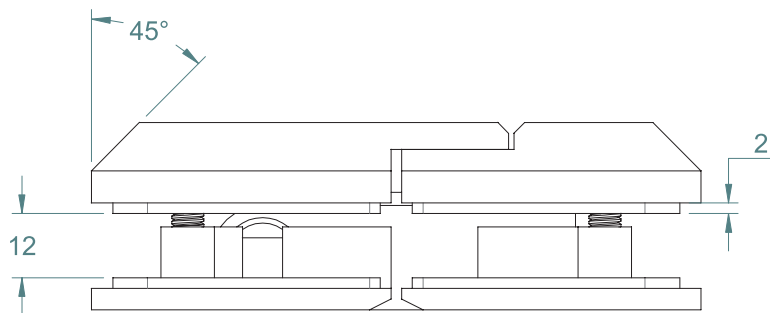
FRONT VIEW



SIDE VIEW



REAR VIEW



BASE VIEW

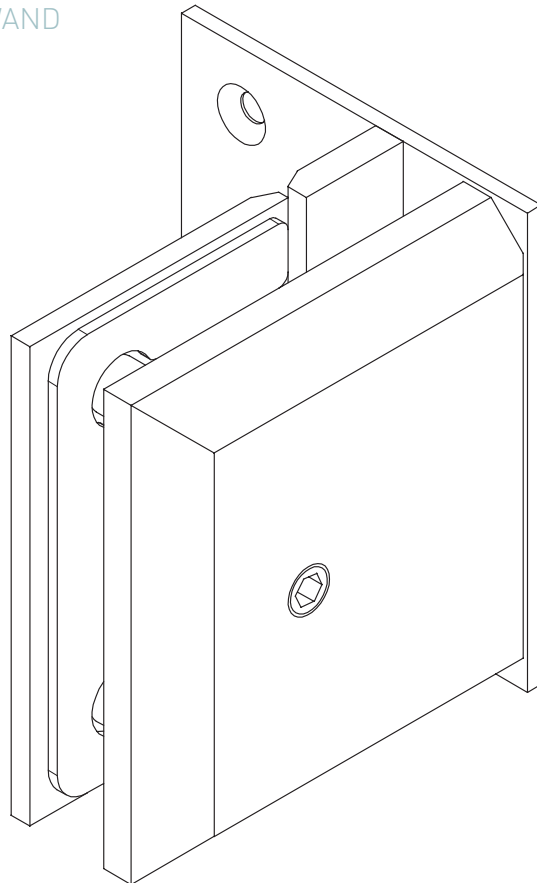
TO ORDER SPECIFY:

- IGGP POLISHED FINISHED
- IGGS SATIN FINISH

INTERIOR AUTO HINGE

GLASS TO OFFSET WALL PLATE

DU VERRE AU MUR
GLAS AN DER WAND



INTERIOR AUTO HINGE
CHARNIERE-AUTO INTERIEURE
AUTO SCHARNIER INTERIEUR

- | | | |
|---|--|--|
| <ul style="list-style-type: none"> ▪ USED WITH DOOR STOP ▪ AUTO CLOSE FROM ANY ANGLE ▪ WITH HYDRAULIC SOFT CLOSE ▪ CYCLE TESTED | <ul style="list-style-type: none"> ▪ UTILISATION AVEC BUTEE DE PORTE ▪ FERMETURE AUTOMATIQUE DE N'IMPORTE ▪ QUEL ANGLE SANS JAMAIS CLAQUER ▪ CYCLE TESTE | <ul style="list-style-type: none"> ▪ VERWENDUNG MIT TURANSCHLAG ▪ SCHLIESSEN, AUS JEDEM WINKEL ▪ OHNE ZUSCHLAGEN ▪ ZYKLUS GETESTET |
|---|--|--|

FINISHES AND FUNCTIONS

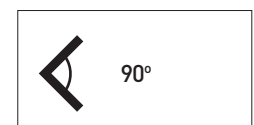
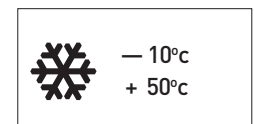
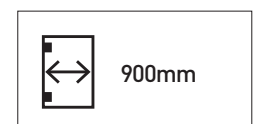
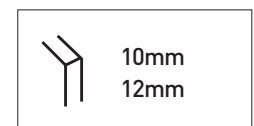
- GLASS TO WALL
- 304 GRADE STAINLESS STEEL
- MIRROR POLISHED
- SATIN POLISHED
- SINGLE ACTION
- SOFT CLOSE
- NON-HOLD OPEN

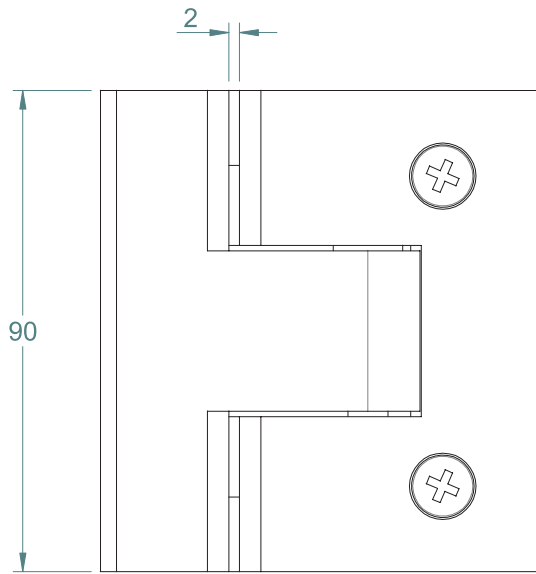
FINITIONS ET FUNCTIONS

- DU VERRE AU MUR
- ACIER INOXYDABLE 304
- MIROIR POLI
- SATINE
- UN SENS, ACTION UNIQUE
- FERMETURE DOUCE
- FERMETURE AUTOMATIQUE

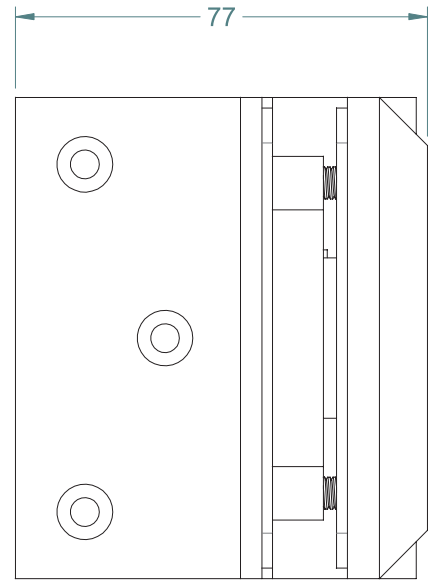
OBERFLAECHEN UND FUNKTIONEN

- GLAS AN DER WAND
- EDELSTAHL 304
- HOCHGLANZ POLIERT
- SATINIERT POLIERT
- EINZELNE AKTION
- NICHT OFFEN HALTEN

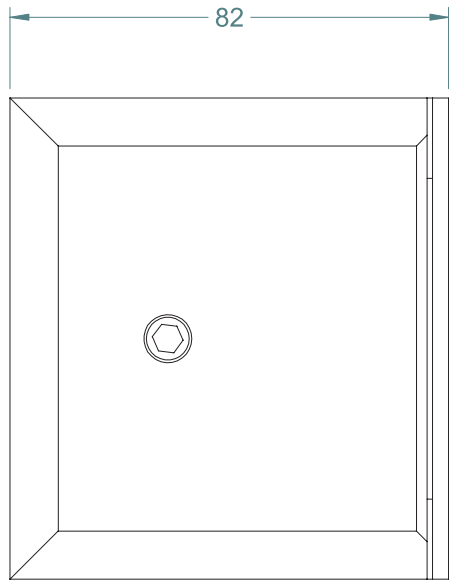




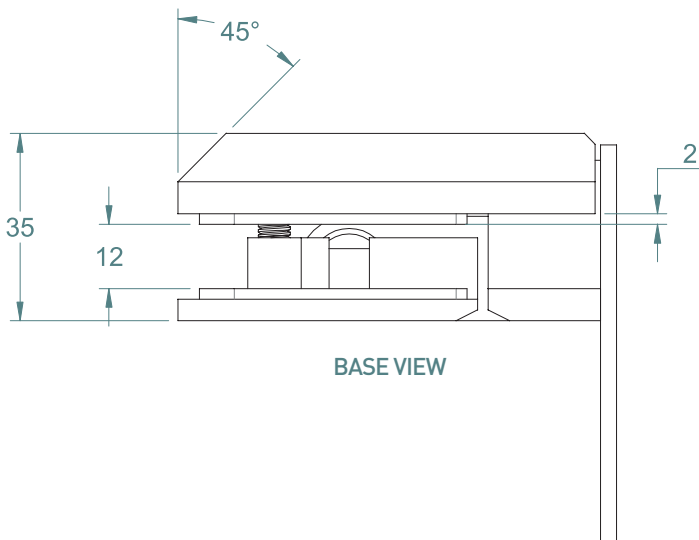
FRONT VIEW



SIDE VIEW



REAR VIEW



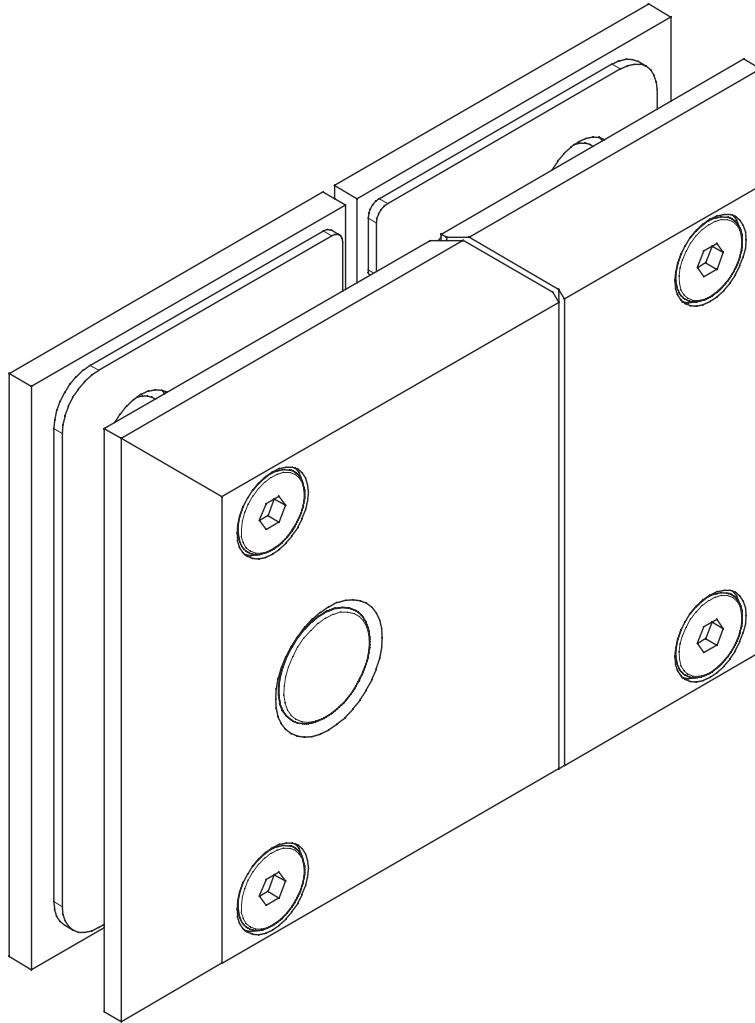
BASE VIEW

TO ORDER SPECIFY:

- IOWP POLISHED FINISHED
- IOWS SATIN FINISH

POLARIS SOFT CLOSE SHOWER HINGE

GLASS TO GLASS



FINISHES AND FUNCTIONS

- SATIN CHROME
- POLISHED CHROME
- SINGLE ACTION
- SOFT CLOSE ACTION
- NON-HOLD OPEN



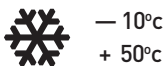
10mm
12mm



Up to 750mm
x 2200mm



MAX 50KG



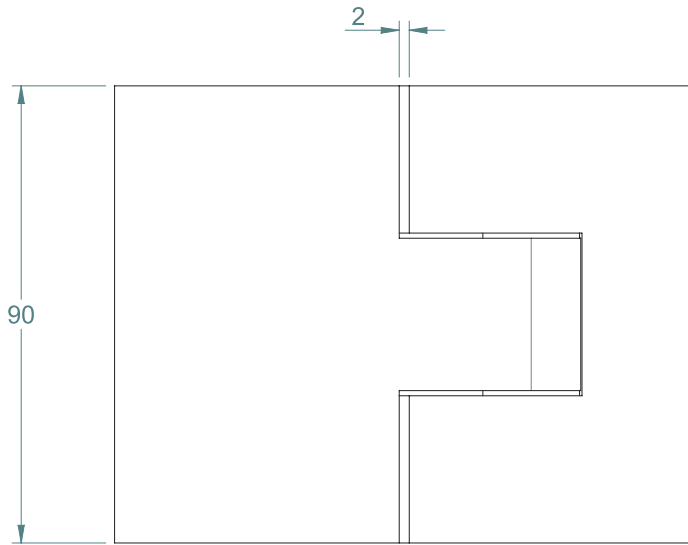
- 10°C
+ 50°C



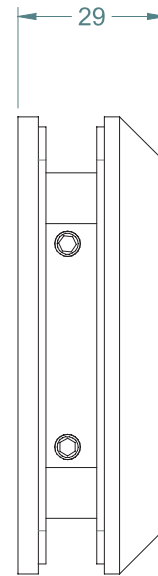
90°
OPENING

SHOWER SOFT CLOSE HINGE

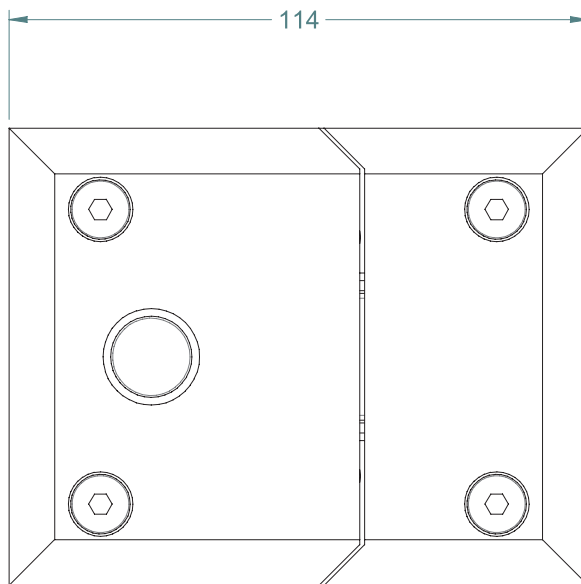
- SELF CLOSING SOFT CLOSE HINGE FOR GLASS SHOWER DOORS



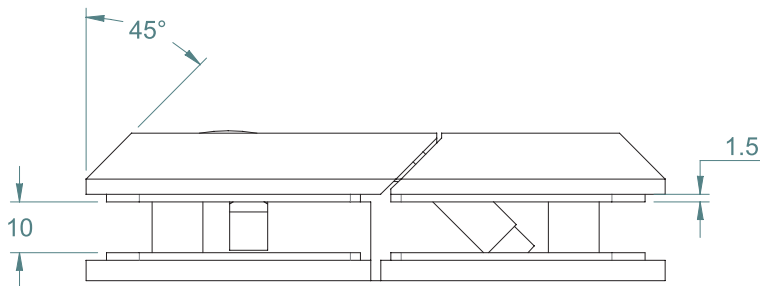
FRONT VIEW



SIDE VIEW



REAR VIEW

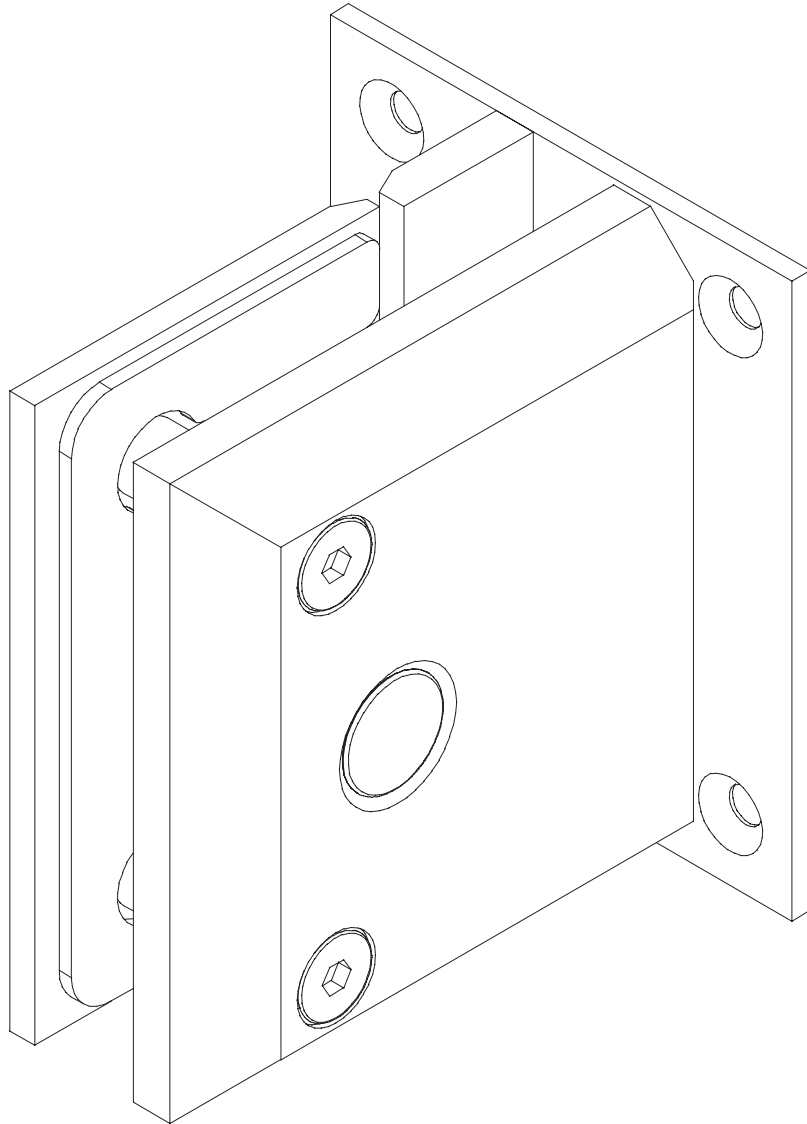


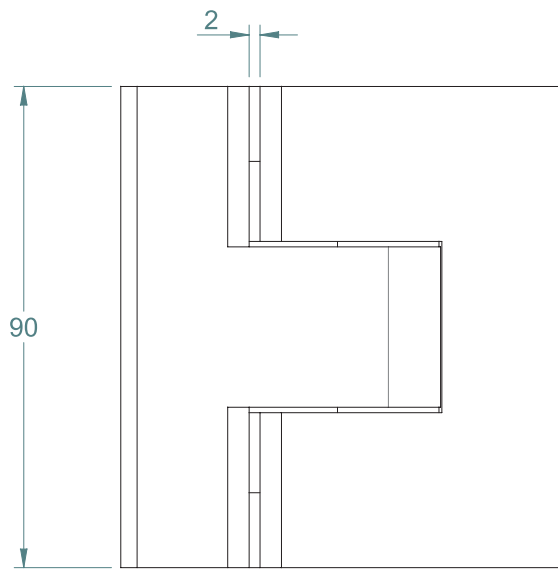
BASE VIEW

TO ORDER SPECIFY:

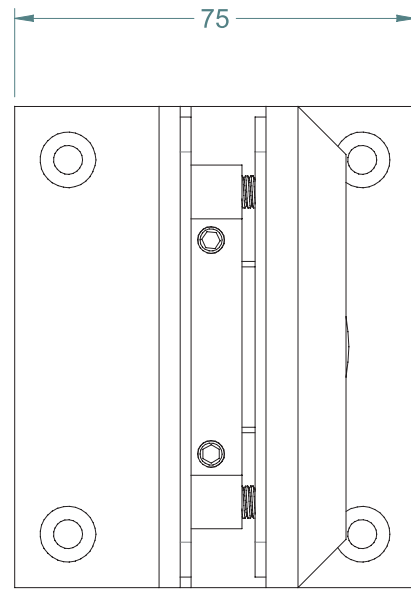
- SGGP POLISHED CHROME FINISH
- SGGs SATIN CHROME FINISH

POLARIS SOFT CLOSE SHOWER HINGE GLASS TO WALL

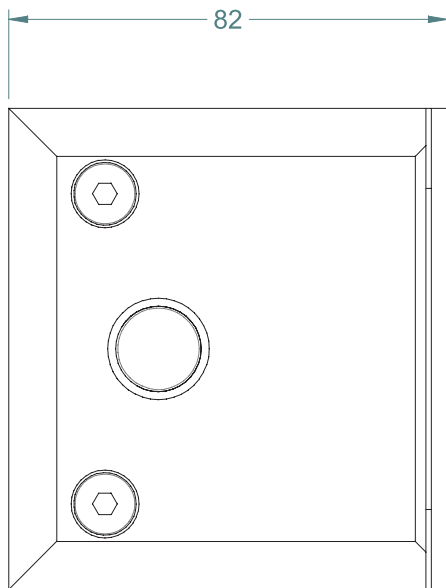




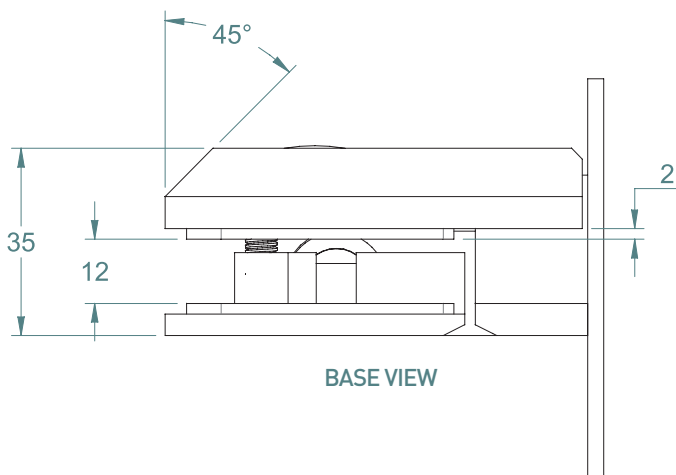
FRONT VIEW



SIDE VIEW



REAR VIEW

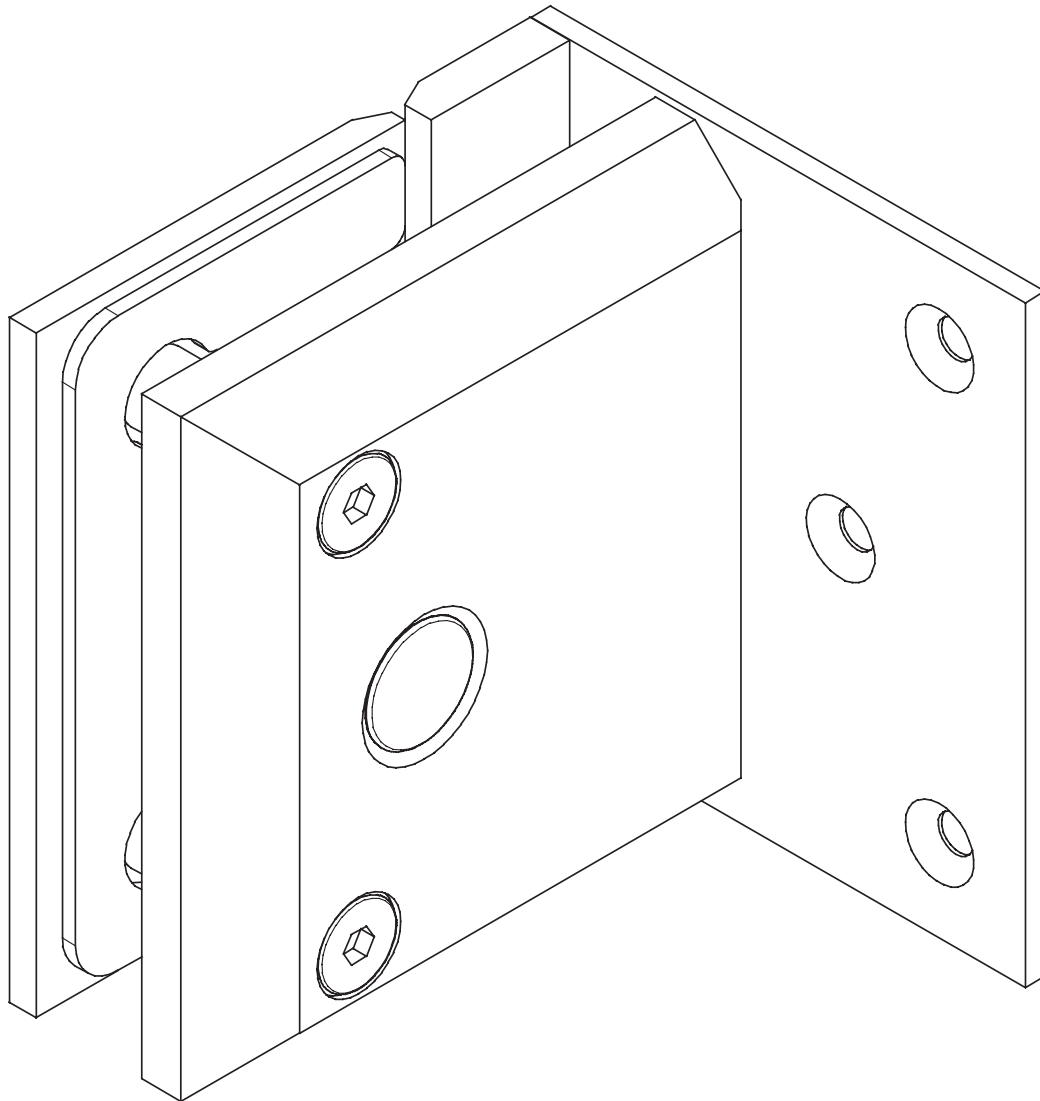


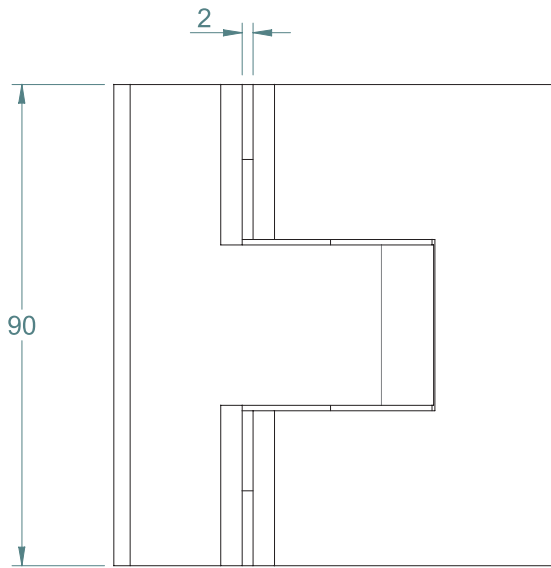
BASE VIEW

TO ORDER SPECIFY:

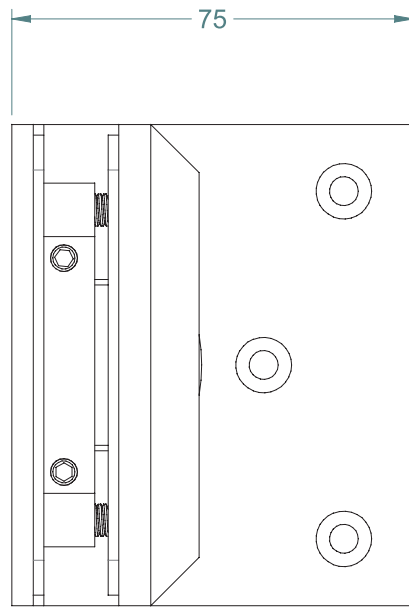
- SGWP POLISHED CHROME FINISH
- SGWS SATIN CHROME FINISH

POLARIS SOFT CLOSE SHOWER HINGE GLASS TO OFFSET WALL PLATE

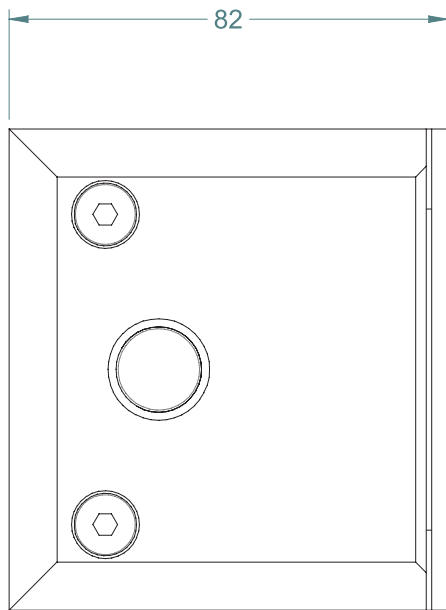




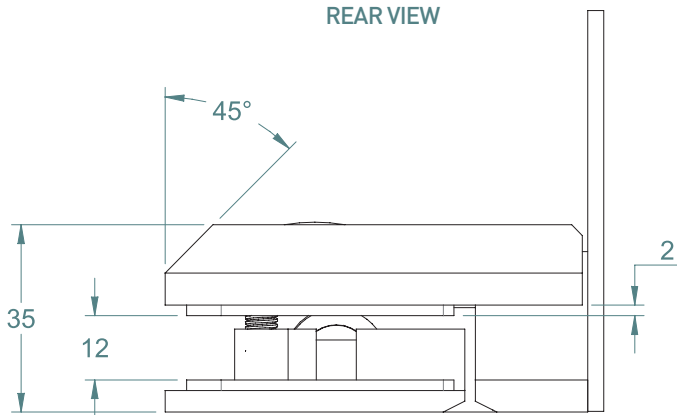
FRONT VIEW



SIDE VIEW



REAR VIEW



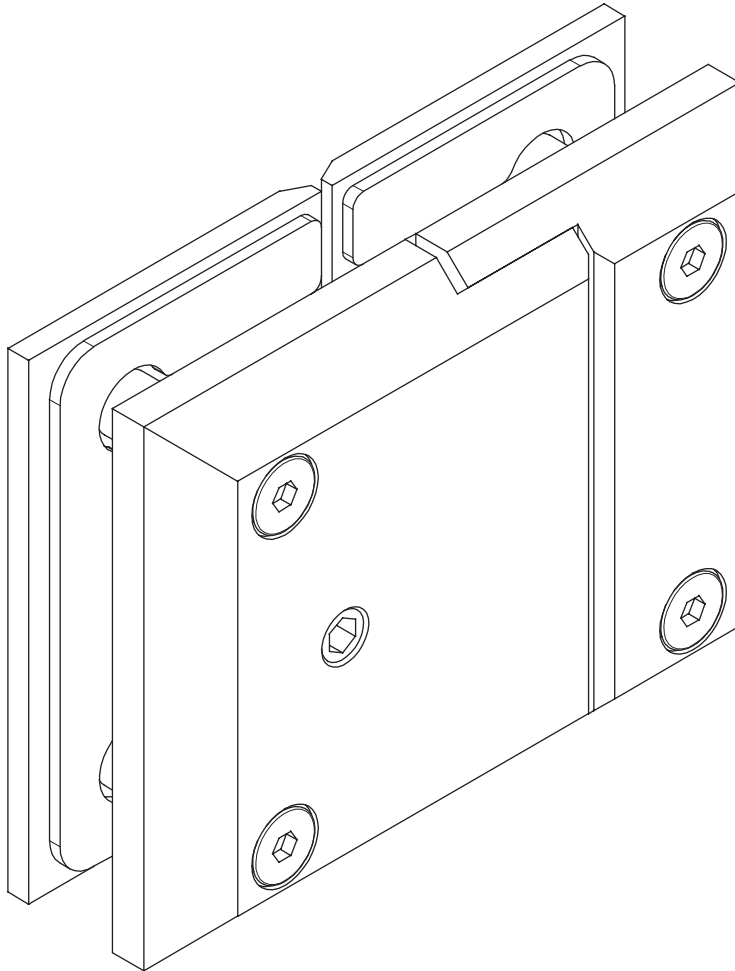
BASE VIEW

TO ORDER SPECIFY:

- SOWP POLISHED CHROME FINISH
- SOWS SATIN CHROME FINISH

POOL FENCE SAFETY HINGE

GLASS TO GLASS



FINISHES AND FUNCTIONS

- 316 GRADE STAINLESS STEEL
- MIRROR POLISHED
- SATIN POLISHED
- SINGLE ACTION
- SOFT CLOSE ACTION
- NON-HOLD OPEN




10mm
12mm



Up to 950mm
x 1250mm



MAX 50KG



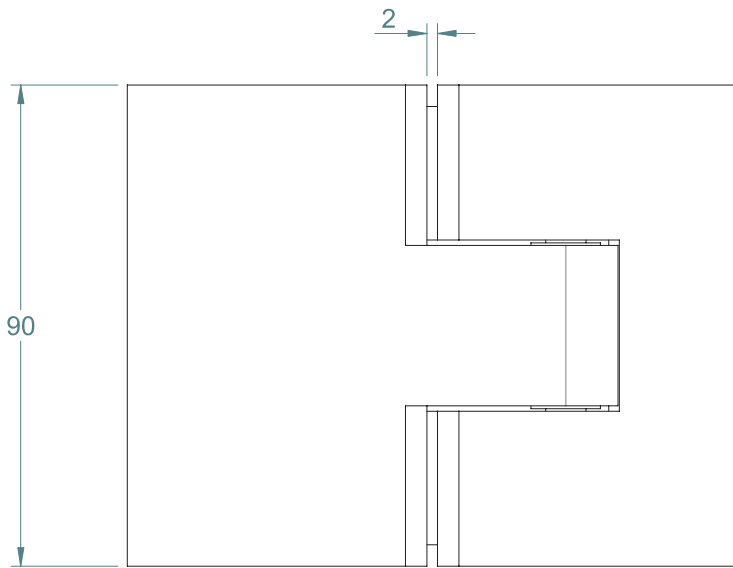
- 10°C
+ 50°C



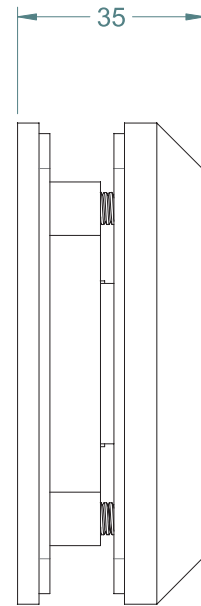
90°

POOL FENCE SAFETY HINGE

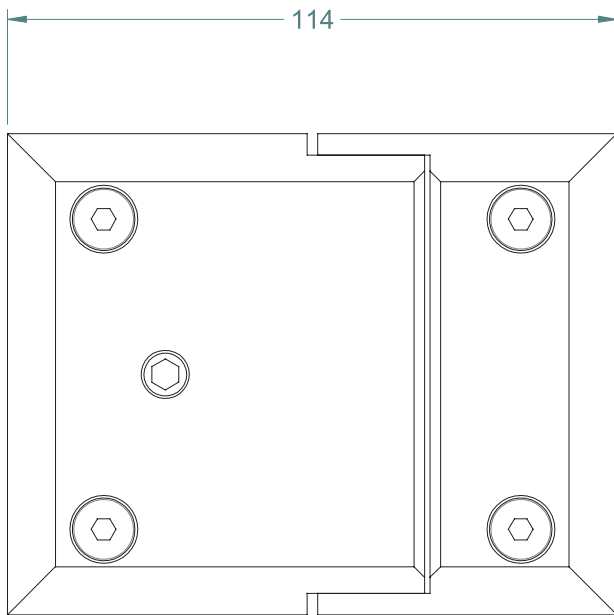
- SELF-CLOSING SAFETY HINGE FOR GLASS POOL FENCING
- TO BE USED WITH CHILD RESISTANT SAFETY LATCH
- COMPLIES WITH AUSTRALIAN STANDARDS FOR POOL GATE HARDWARE AS 2820 & AS 1926
- NATA ACCREDITED AND INDEPENDENTLY TESTED TO 10,000 CYCLES OR 10 YEARS NORMAL USE (NATA = NATIONAL ASSOCIATION OF TESTING AUTHORITIES, AUSTRALIA)
- ENDORSED BY ROYAL LIFE SAVING SOCIETY, AUSTRALIA



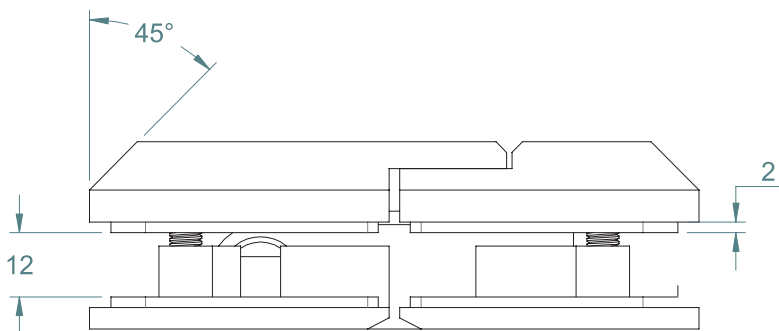
FRONT VIEW



SIDE VIEW



REAR VIEW



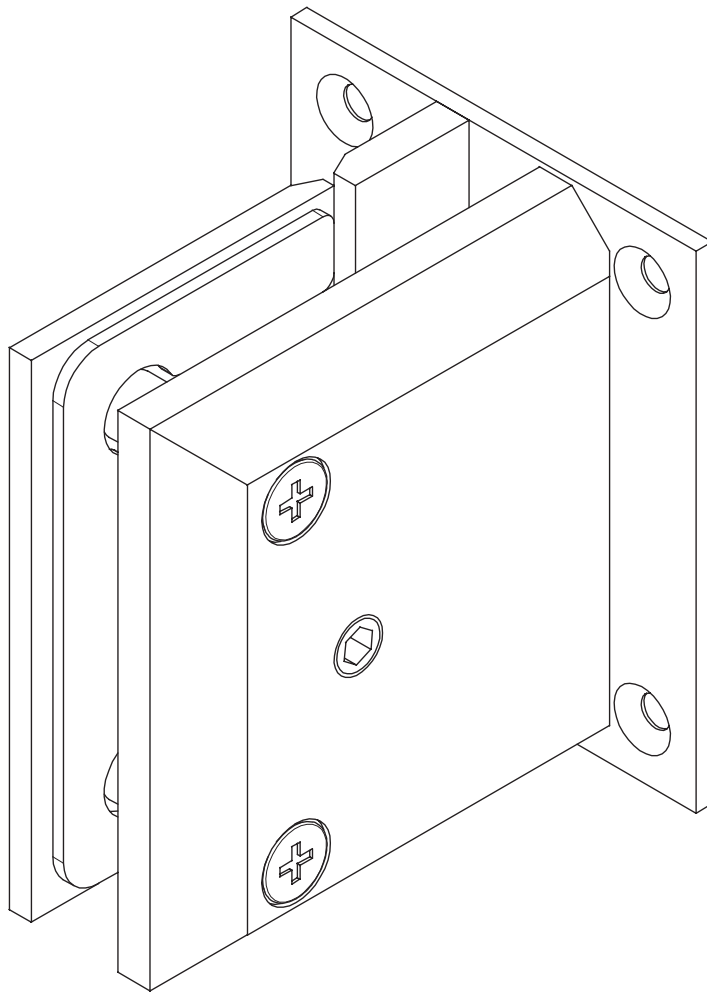
BASE VIEW

TO ORDER SPECIFY:

- PGGP POLISHED FINISHED
- PGGG SATIN FINISH

POOL FENCE SAFETY HINGE

GLASS TO WALL



FINISHES AND FUNCTIONS

- 316 GRADE STAINLESS STEEL
- MIRROR POLISHED
- SATIN POLISHED
- SINGLE ACTION
- SOFT CLOSE ACTION
- NON-HOLD OPEN




10mm
12mm



Up to 950mm
x 1250mm



MAX 50KG



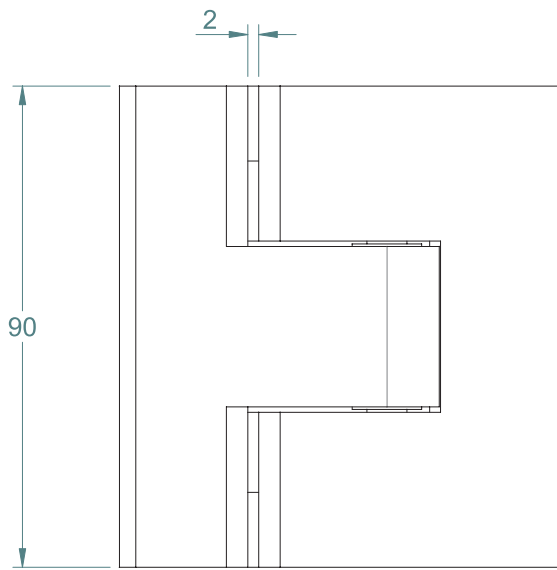
- 10°C
+ 50°C



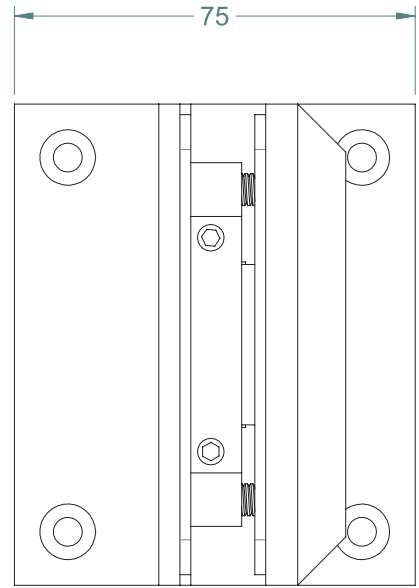
90°

POOL FENCE SAFETY HINGE

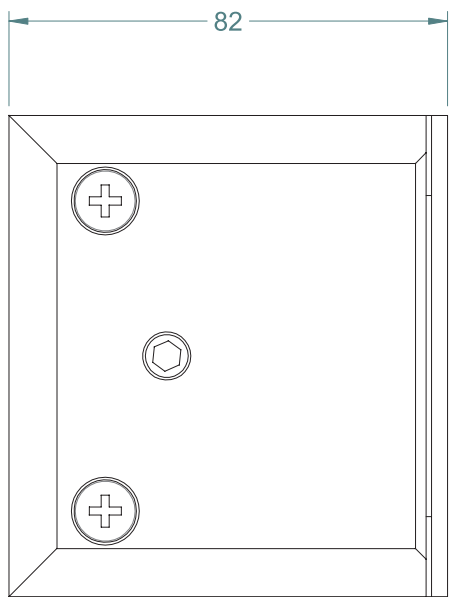
- SELF-CLOSING SAFETY HINGE FOR GLASS POOL FENCING
- TO BE USED WITH CHILD RESISTANT SAFETY LATCH
- COMPLIES WITH AUSTRALIAN STANDARDS FOR POOL GATE HARDWARE AS 2820 & AS 1926
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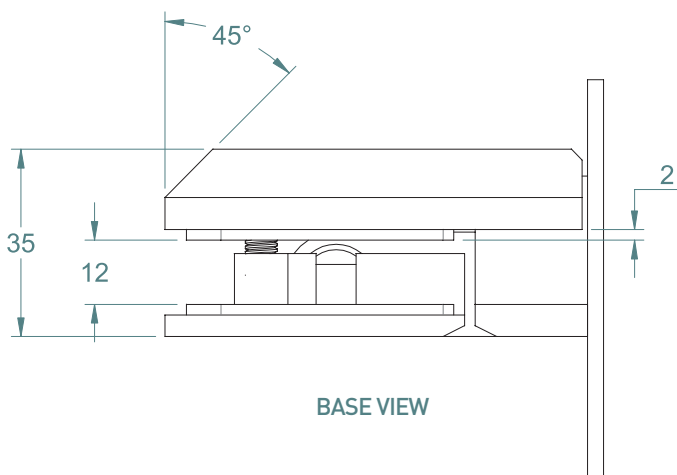
FRONT VIEW



SIDE VIEW



REAR VIEW



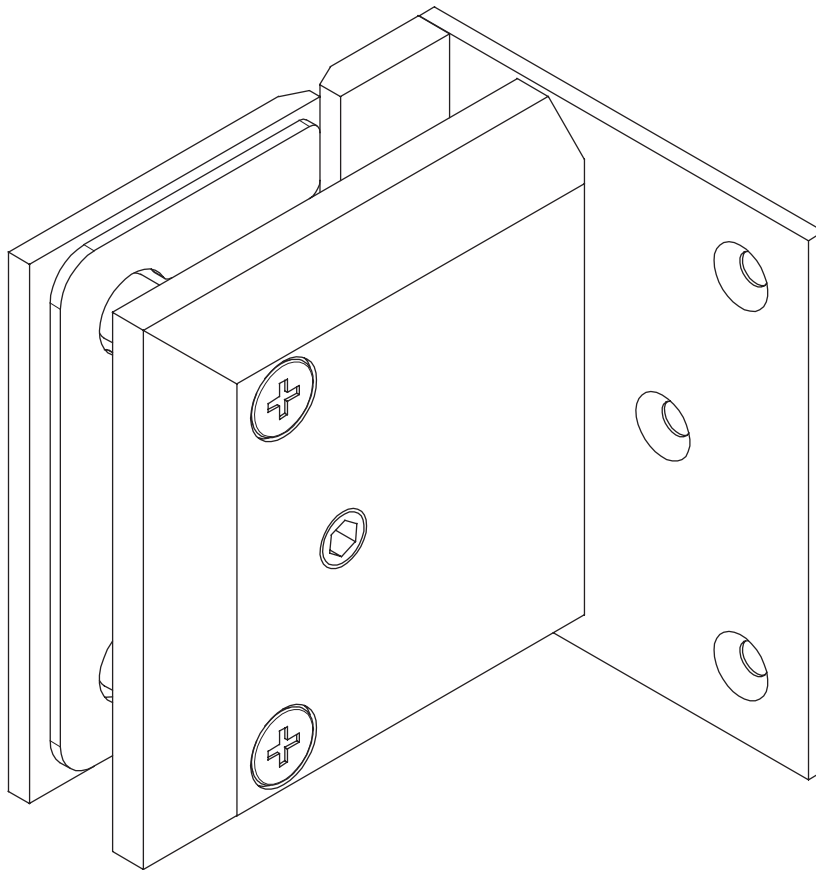
BASE VIEW

TO ORDER SPECIFY:

- PGWP POLISHED FINISHED
- PGWS SATIN FINISH

POOL FENCE SAFETY HINGE

GLASS TO OFFSET WALL PLATE

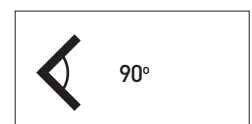
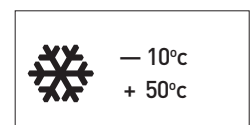
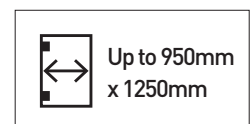
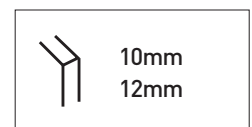


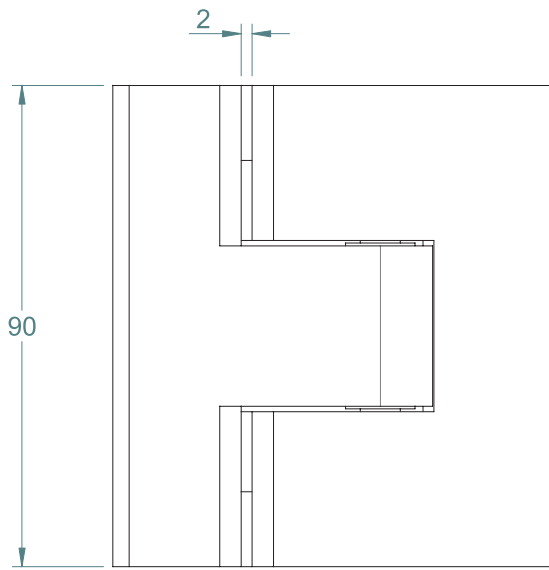
EXTERIOR AUTO HINGE

- AUTO CLOSE FROM ANY ANGLE
- WITH HYDRAULIC SOFT CLOSE
- CYCLE TESTED

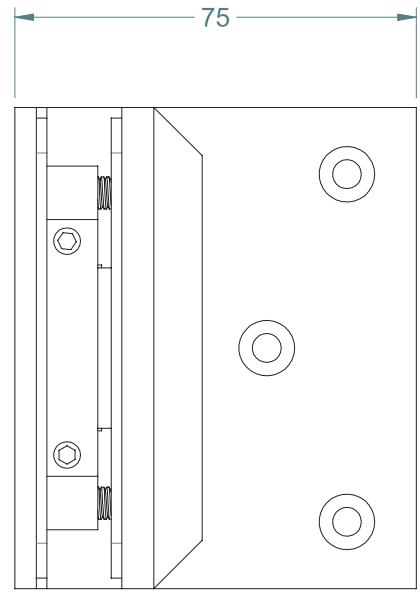
FINISHES AND FUNCTIONS

- 316 GRADE STAINLESS STEEL
- MIRROR POLISHED
- SATIN POLISHED
- SINGLE ACTION
- SOFT CLOSE ACTION
- NON-HOLD OPEN

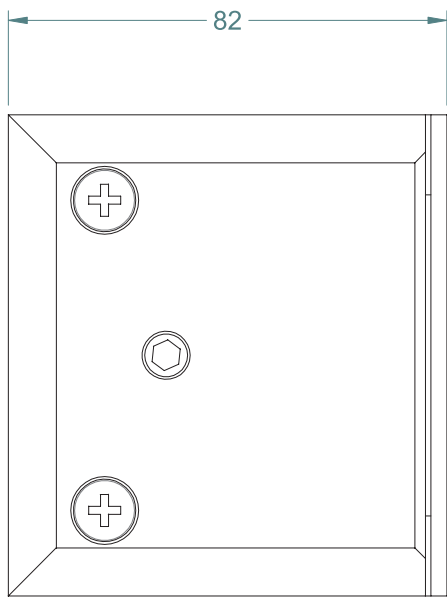




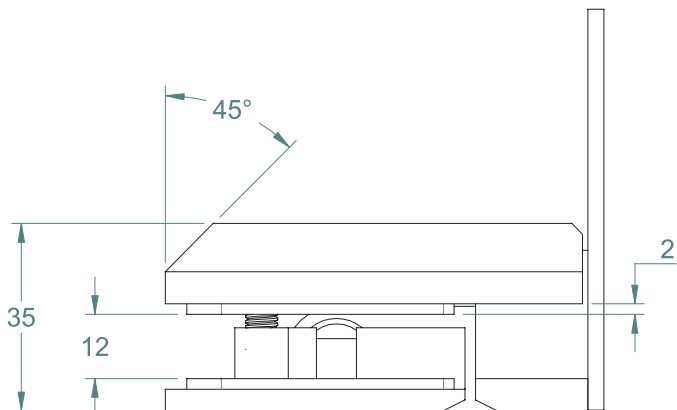
FRONT VIEW



SIDE VIEW



REAR VIEW



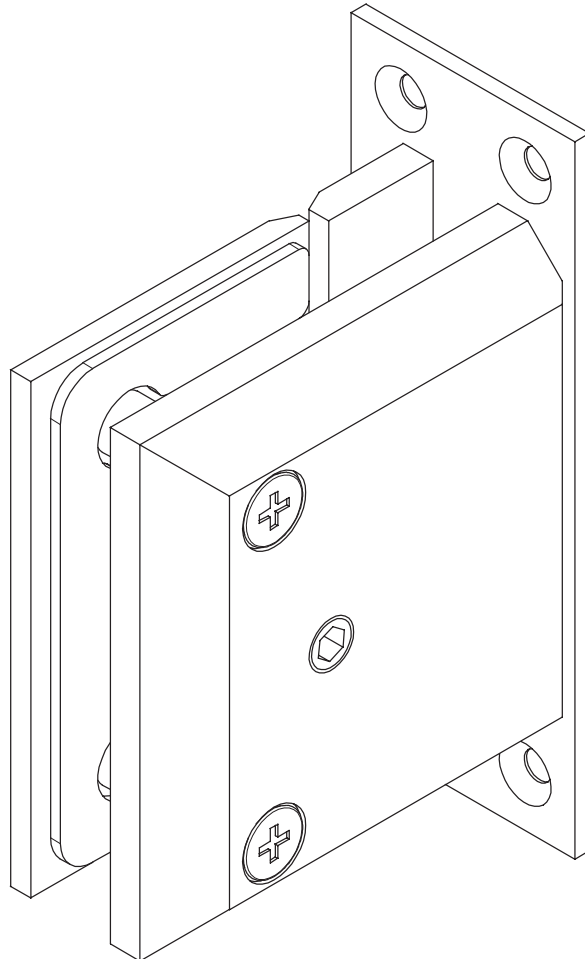
BASE VIEW

TO ORDER SPECIFY:

- POWP POLISHED FINISHED
- POWS SATIN FINISH

POOL FENCE SAFETY HINGE

GLASS TO SQUARE POST



FINISHES AND FUNCTIONS

- 316 GRADE STAINLESS STEEL
- MIRROR POLISHED
- SATIN POLISHED
- SINGLE ACTION
- SOFT CLOSE ACTION
- NON-HOLD OPEN



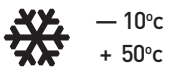
10mm
12mm



Up to 950mm
x 1250mm



MAX 50KG



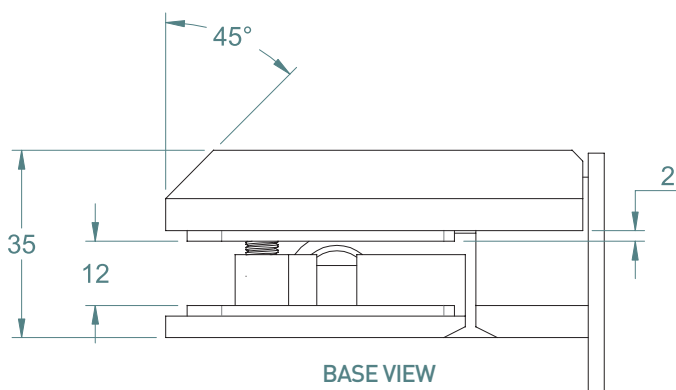
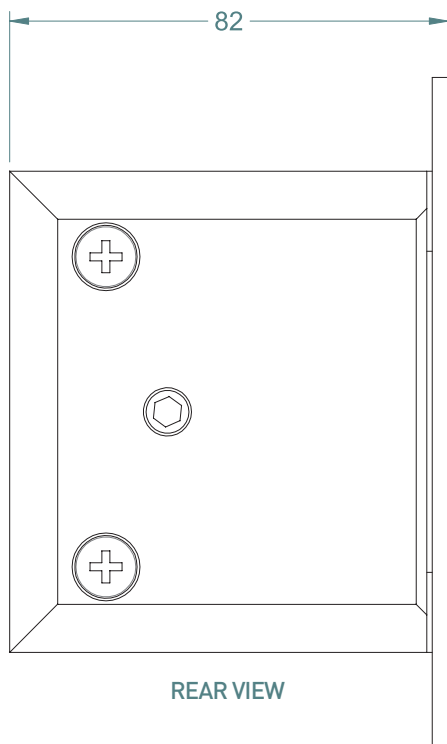
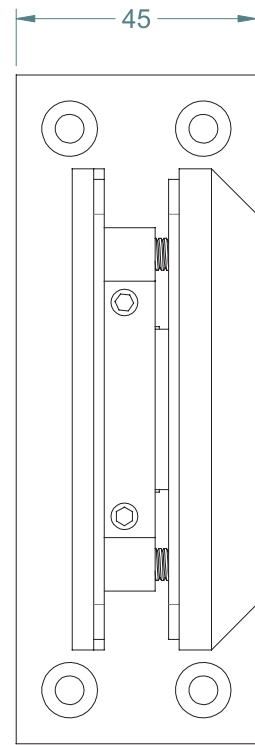
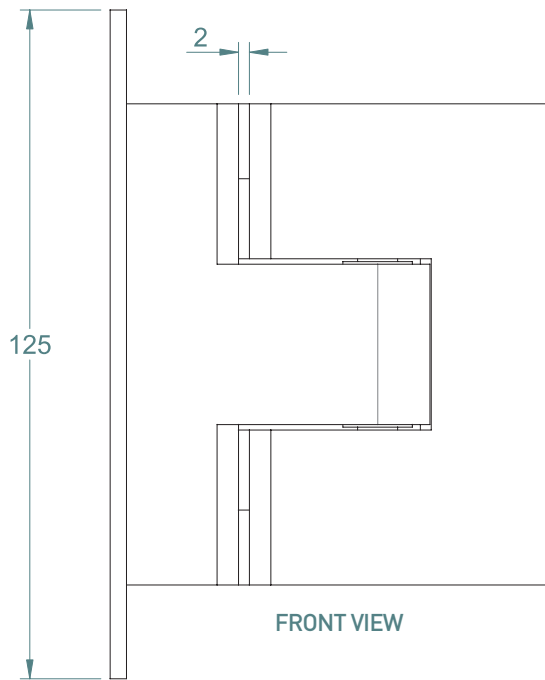
- 10°C
+ 50°C



90°

POOL FENCE SAFETY HINGE

- SELF-CLOSING SAFETY HINGE FOR GLASS POOL FENCING
- TO BE USED WITH CHILD RESISTANT SAFETY LATCH
- COMPLIES WITH AUSTRALIAN STANDARDS FOR POOL GATE HARDWARE AS 2820 & AS 1926
- NATA ACCREDITED AND INDEPENDENTLY TESTED TO 10,000 CYCLES OR 10 YEARS NORMAL USE (NATA = NATIONAL ASSOCIATION OF TESTING AUTHORITIES, AUSTRALIA)
- ENDORSED BY ROYAL LIFE SAVING SOCIETY, AUSTRALIA

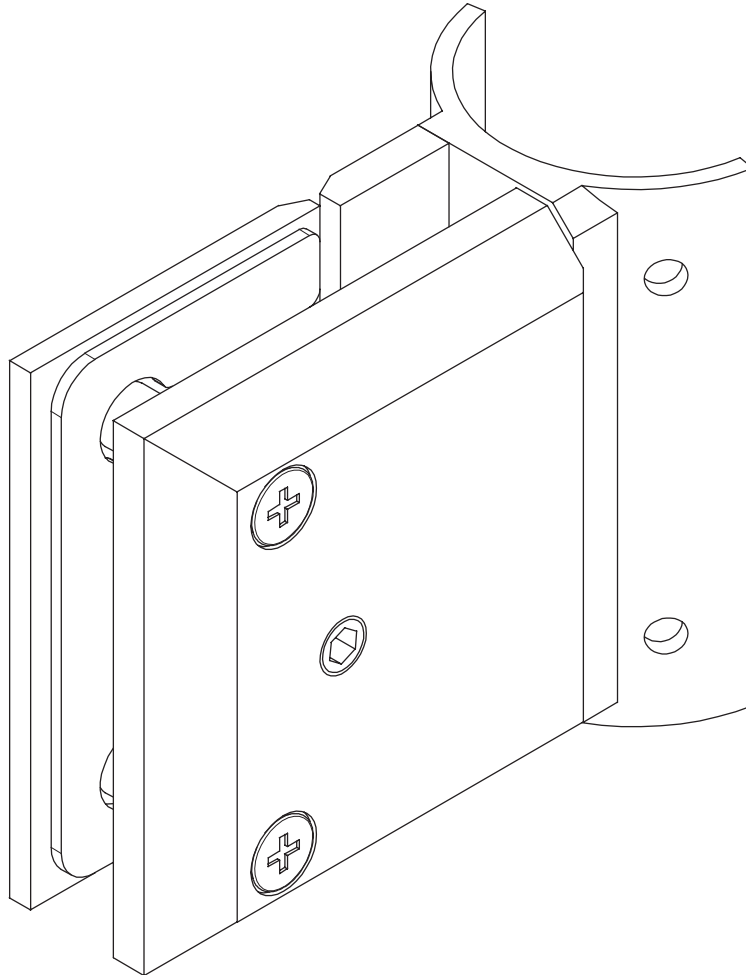


TO ORDER SPECIFY:

- PSPP POLISHED FINISHED
- PSPS SATIN FINISH

POOL FENCE SAFETY HINGE

GLASS TO ROUND POST

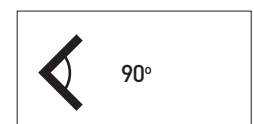
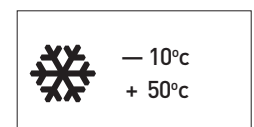
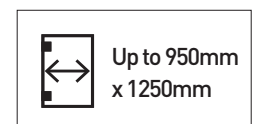
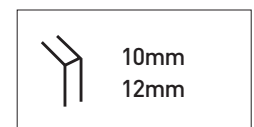


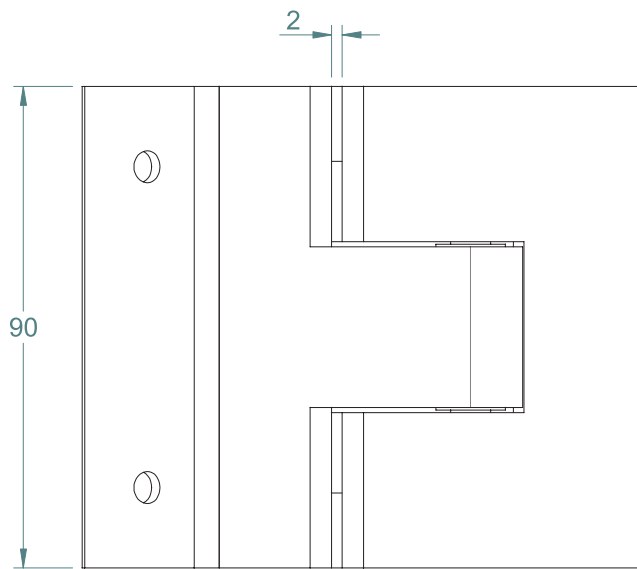
POOL FENCE SAFETY HINGE

- SELF-CLOSING SAFETY HINGE FOR GLASS POOL FENCING
- TO BE USED WITH CHILD RESISTANT SAFETY LATCH
- COMPLIES WITH AUSTRALIAN STANDARDS FOR POOL GATE HARDWARE AS 2820 & AS 1926
- NATA ACCREDITED AND INDEPENDENTLY TESTED TO 10,000 CYCLES OR 10 YEARS NORMAL USE (NATA = NATIONAL ASSOCIATION OF TESTING AUTHORITIES, AUSTRALIA)
- ENDORSED BY ROYAL LIFE SAVING SOCIETY, AUSTRALIA

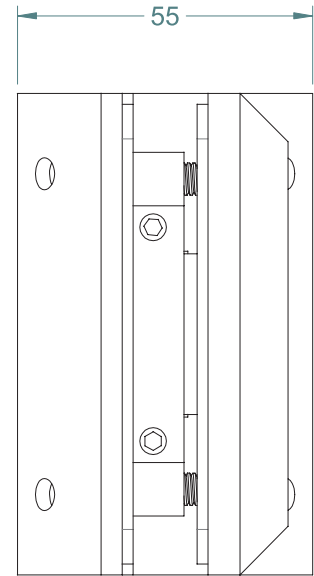
FINISHES AND FUNCTIONS

- 316 GRADE STAINLESS STEEL
- MIRROR POLISHED
- SATIN POLISHED
- SINGLE ACTION
- SOFT CLOSE ACTION
- NON-HOLD OPEN

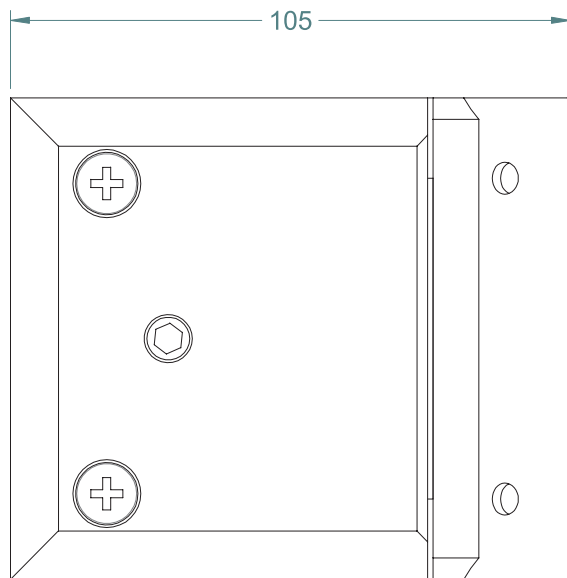




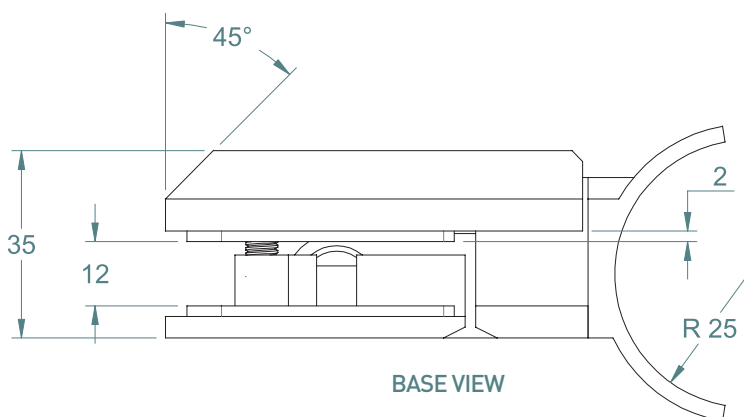
FRONT VIEW



SIDE VIEW



REAR VIEW



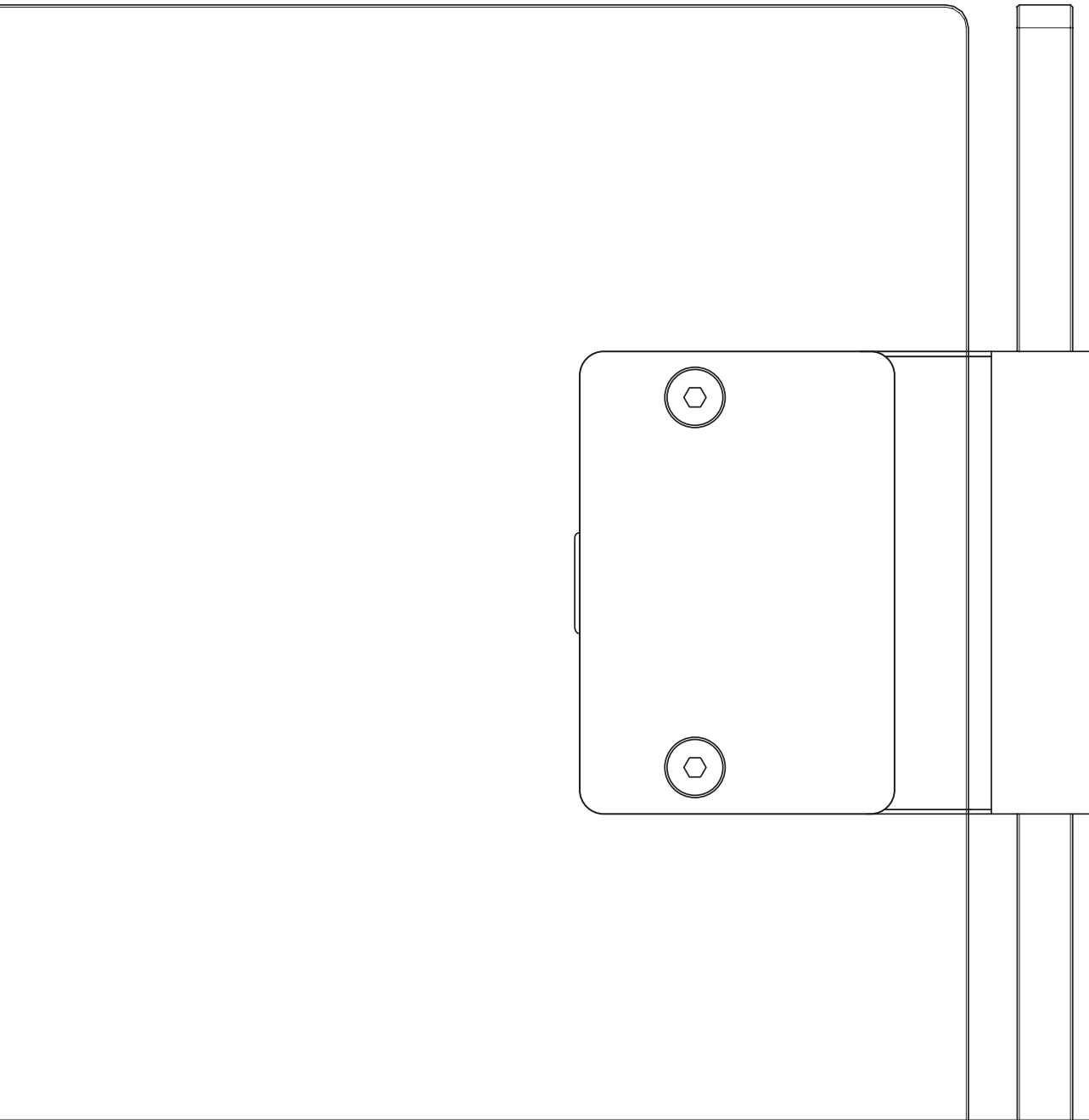
BASE VIEW

TO ORDER SPECIFY:

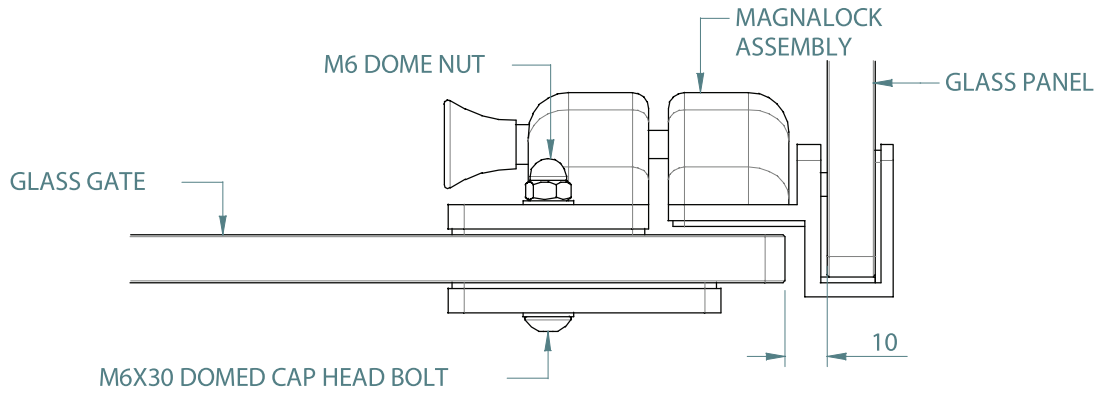
- PRPP POLISHED FINISHED
- PRPS SATIN FINISH

SHOWER LATCH GLASS

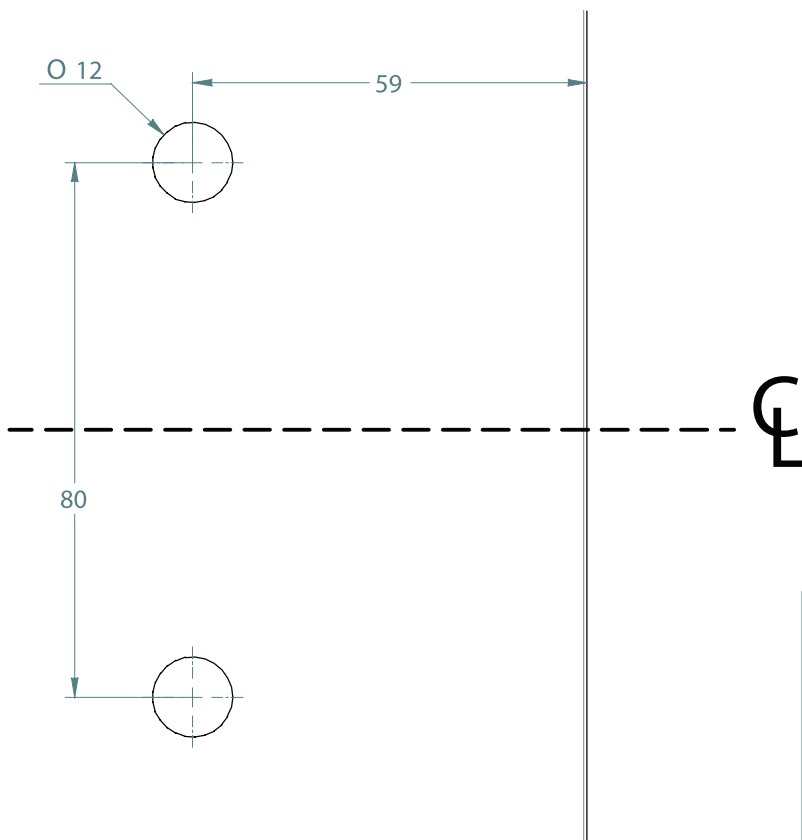
GLASS TO GLASS 90°



LATCH GLASS TO GLASS 90°



TOP VIEW



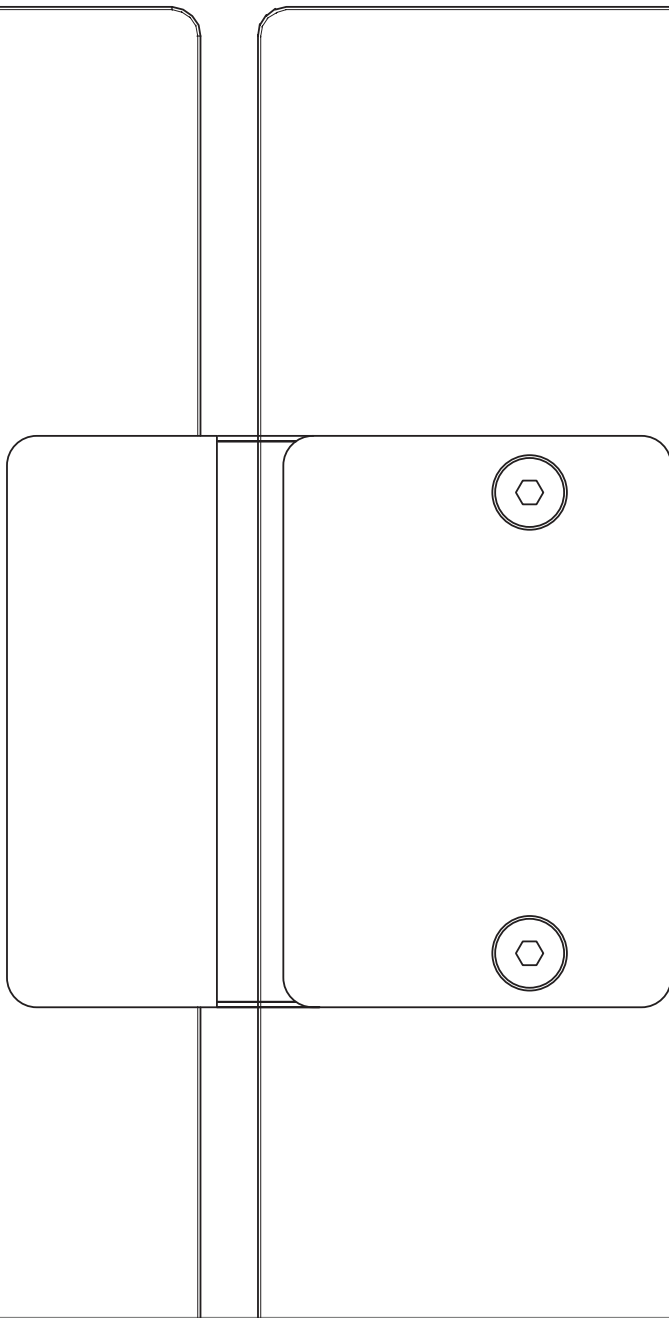
GLASS GATE HOLES

TO ORDER SPECIFY:

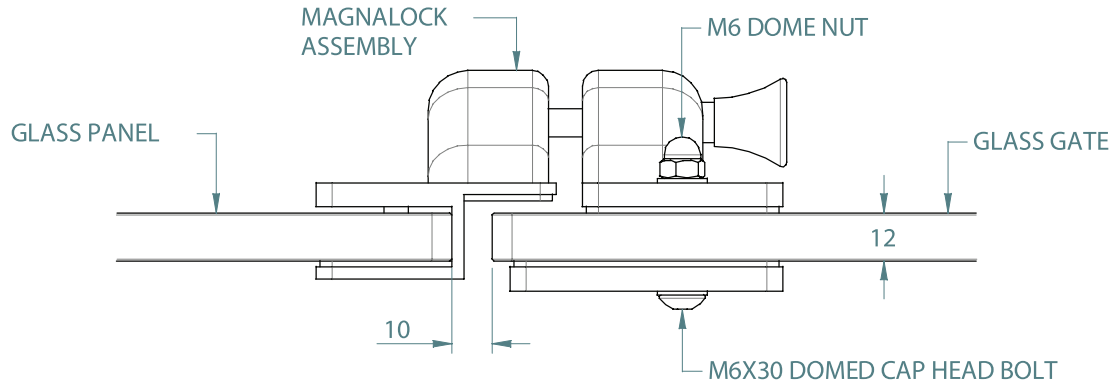
- LAGG90P POLISHED FINISH
- LAGG90S SATIN FINISH

SHOWER LATCH GLASS

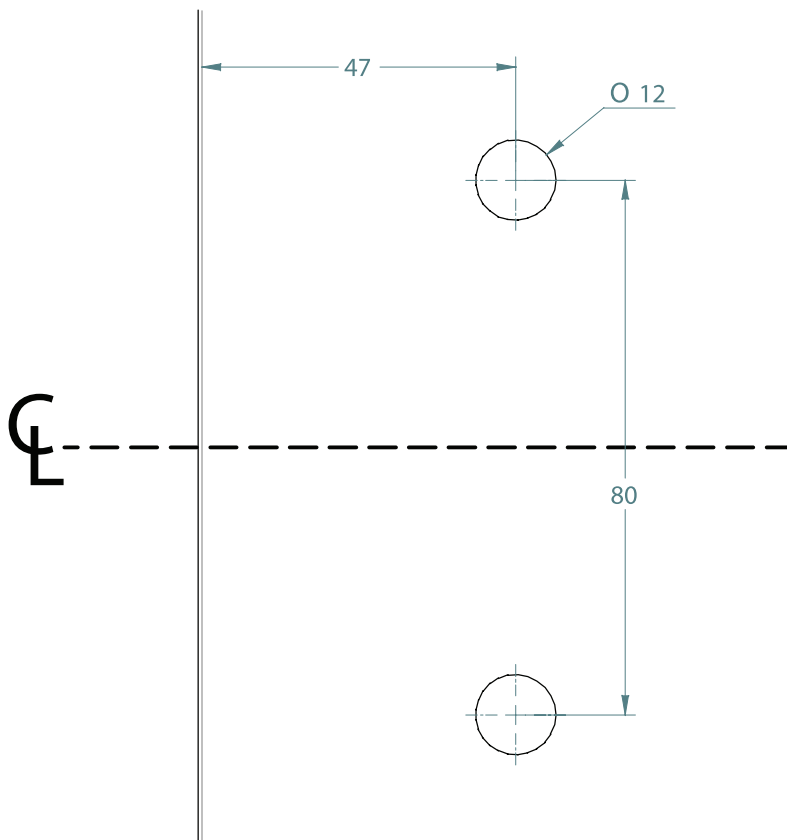
GLASS TO GLASS 180°



LATCH GLASS TO GLASS 180°



TOP VIEW



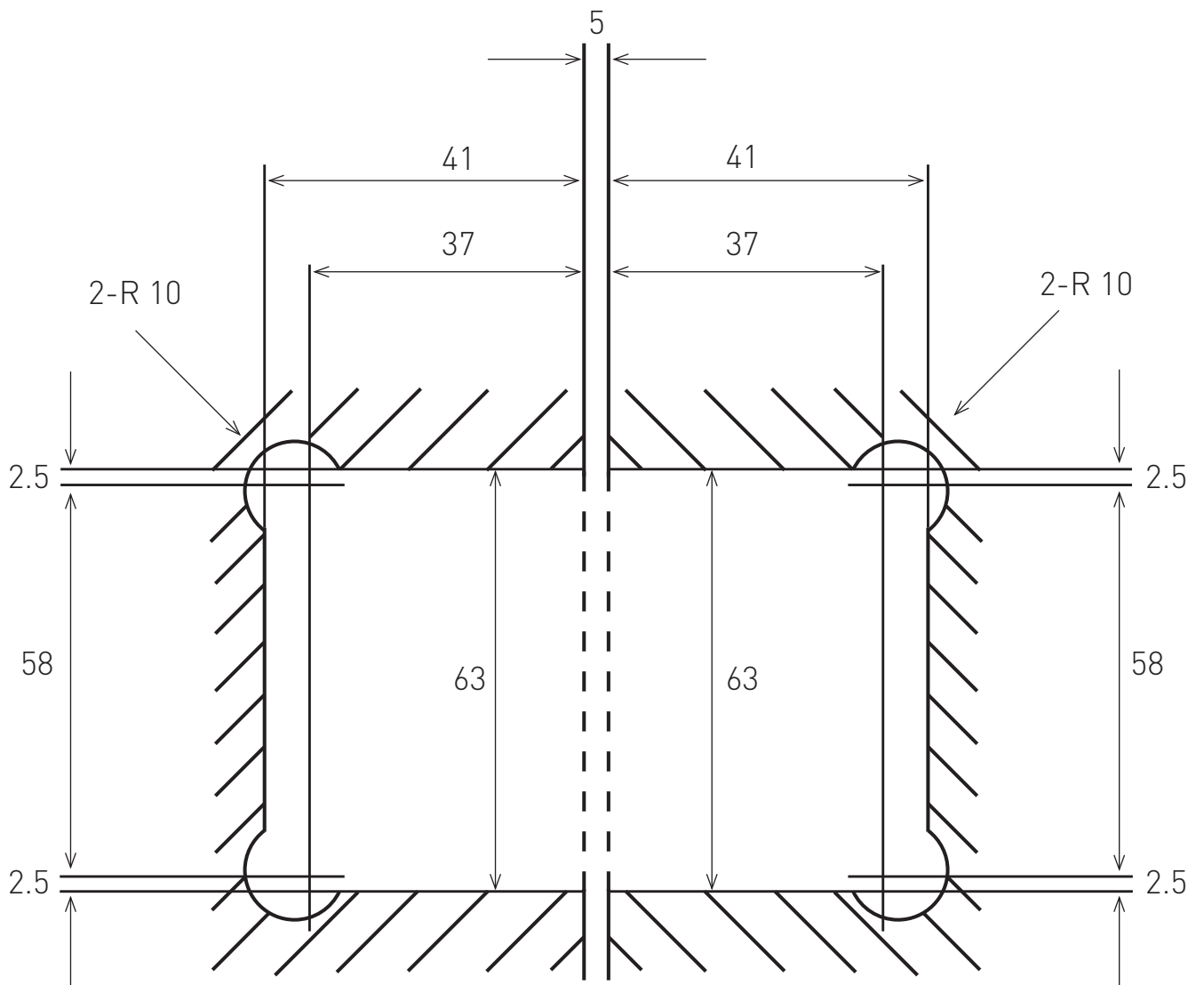
GLASS GATE HOLES

TO ORDER SPECIFY:

- LAGG180P POLISHED FINISH
- LAGG180S SATIN FINISH

GLASS PREPARATION

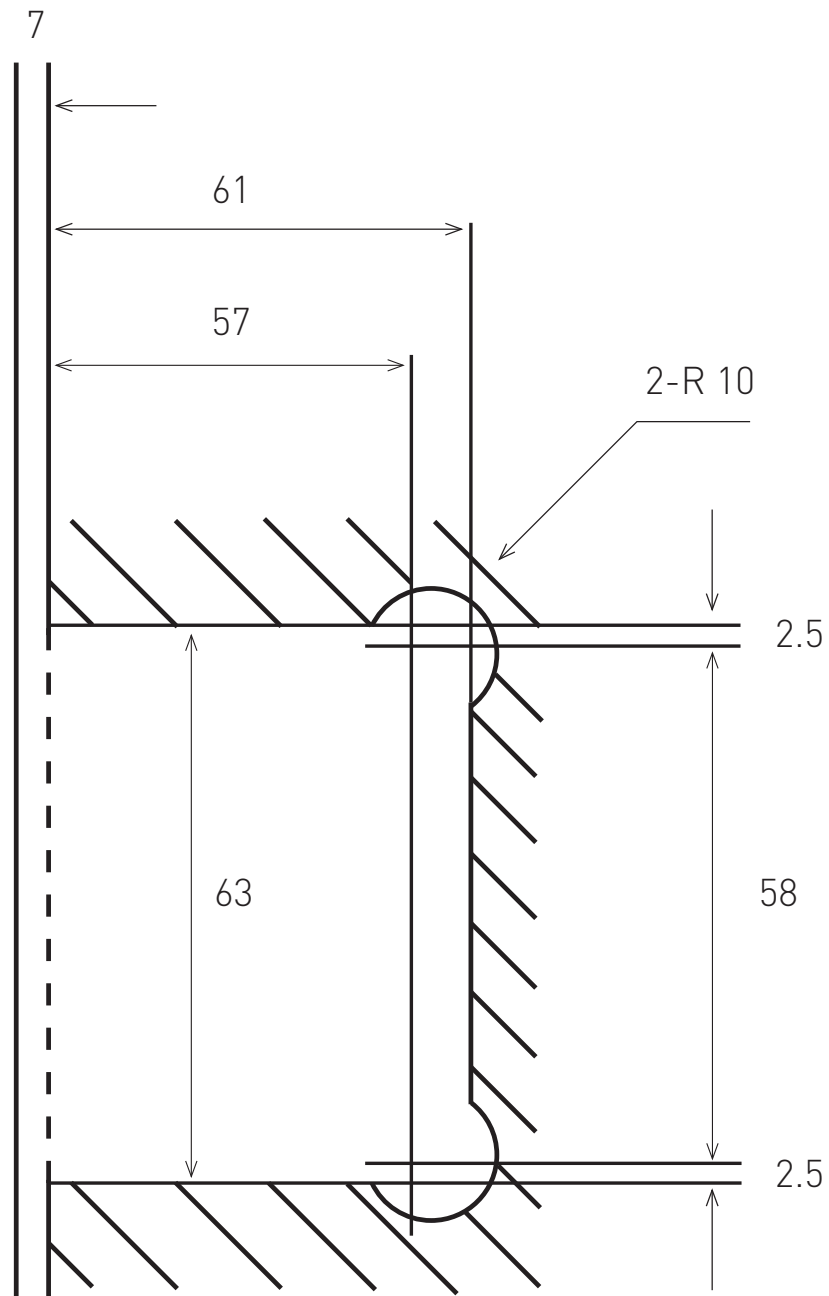
GLASS TO GLASS



GLASS CUT-OUT TOP AND BOTTOM

GLASS PREPARATION

GLASS TO WALL/POST



GLASS CUT-OUT TOP AND BOTTOM