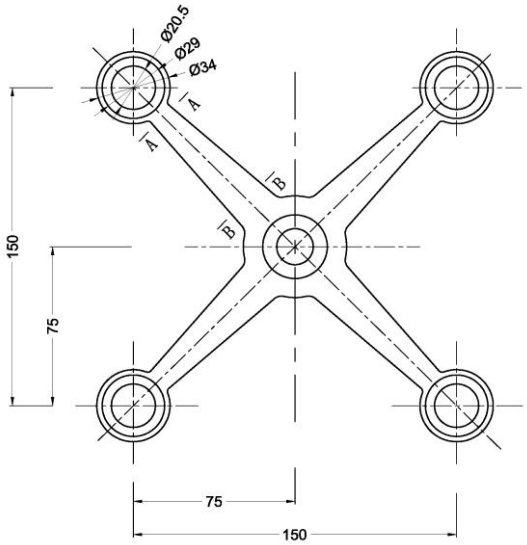
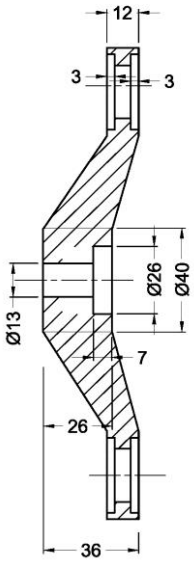
Spider Fittings

Preference
The Preferred Name in Entrance Systems

STAGE DESIGN

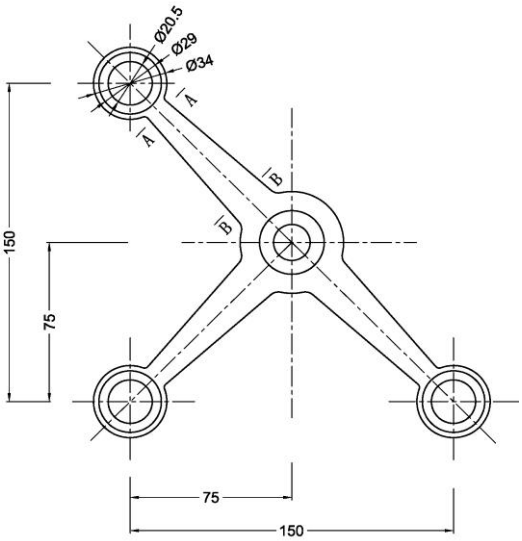
150mm Centre to Centre

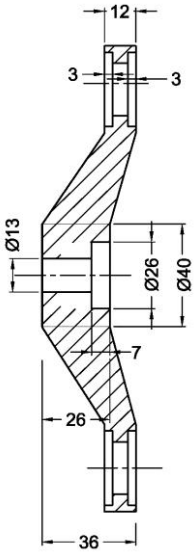




150SP4

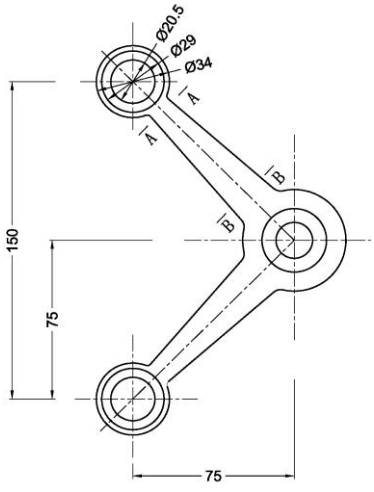
- 4 Way Spider Fittings with 150mm Center to Center
- Material: SUS316
- Finish: Polished / Satin Stainless Steel

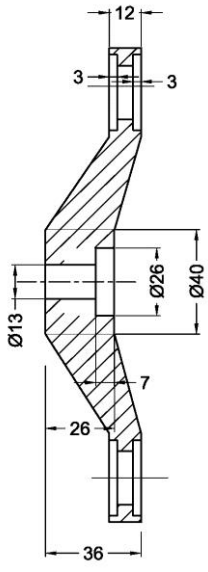




150SP3

- 3 Way Spider Fittings with 150mm center to center
- Material: SUS316
- Finish: Polished / Satin Stainless Steel





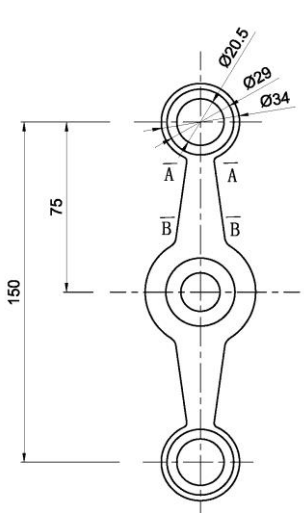
150SP2-90

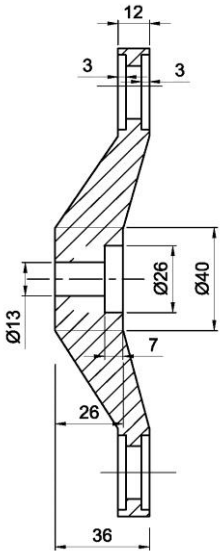
- 2 Way Spider Fittings - 90° with 150mm center to center
- Material: SUS316
- Finish: Polished / Satin Stainless Steel

STAGE DESIGN

150mm Centre to Centre

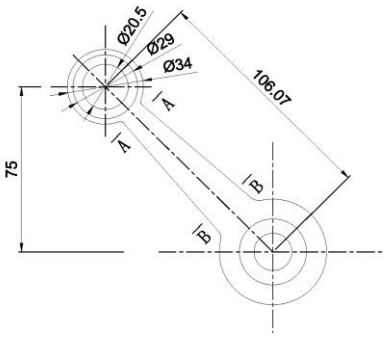
150SP2-180

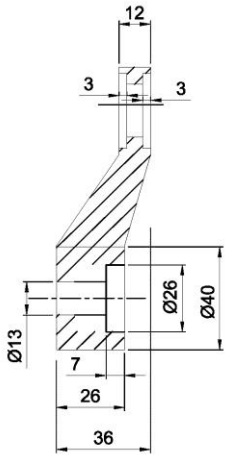




- 2 Way Spider Fittings - 180° with 150mm center to center
- Material: SUS316
- Finish: Polished / Satin Stainless Steel

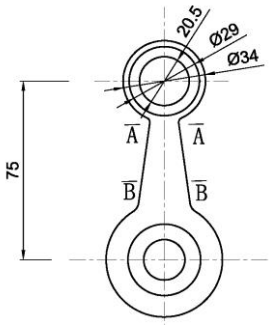
150SP1L

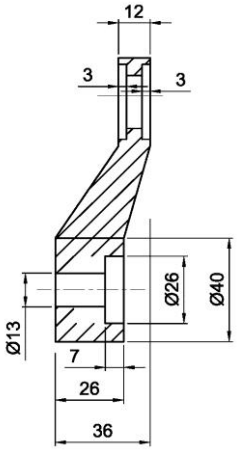




- 1 Way Spider Fittings with 106.1mm Glass to Spider Fittings Base
- Material: SUS316
- Finish: Polished / Satin Stainless Steel

150SP1

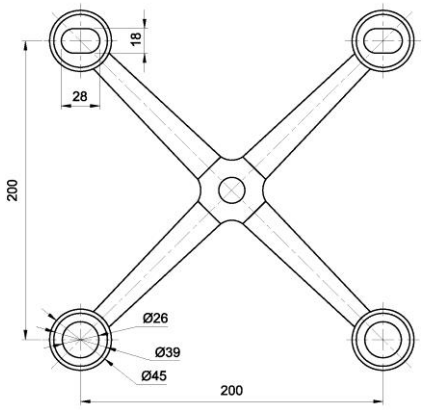


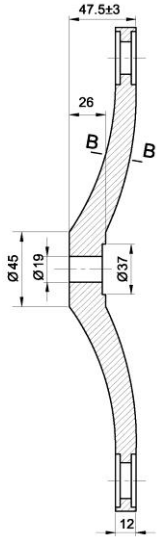


- 1 Way Spider Fittings with 75mm Glass to Spider Fittings Base
- Material: SUS316
- Finish: Polished / Satin Stainless Steel

ARC DESIGN

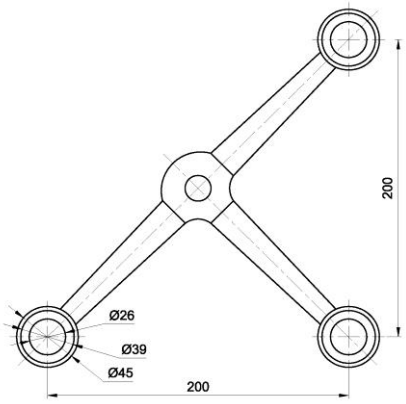
200mm Centre to Centre

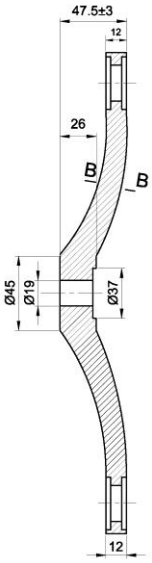




200SP4

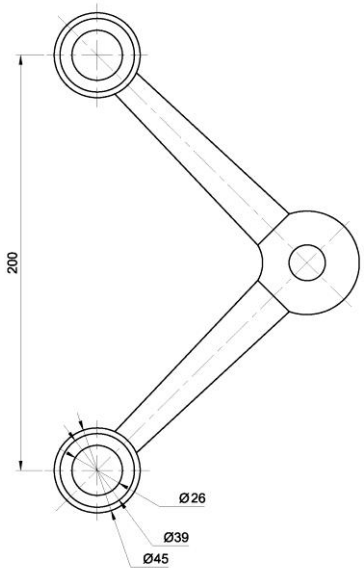
- 4 Way Spider Fittings with 200mm center to center
- Material: SUS316
- Finish: Polished / Satin Stainless Steel

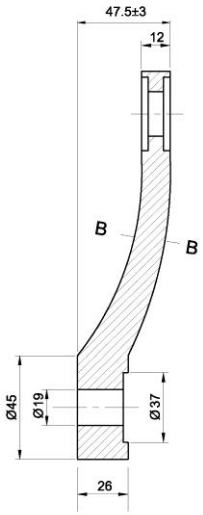




200SP3

- 3 Way Spider Fittings with 200mm center to center
- Material: SUS316
- Finish: Polished / Satin Stainless Steel





200SP2-90

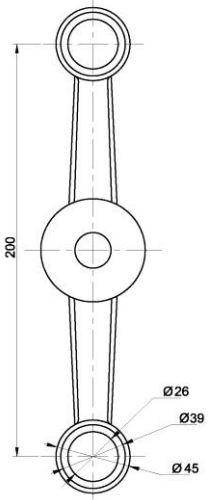
- 2 Way Spider Fittings-90° with 200mm center to center
- Material: SUS316
- Finish: Polished / Satin Stainless Steel

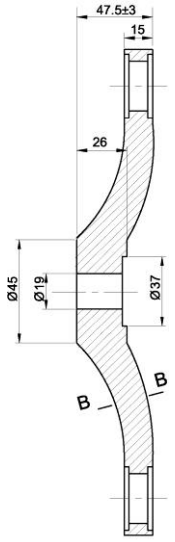
ARC DESIGN

200mm Centre to Centre

200SP2-180

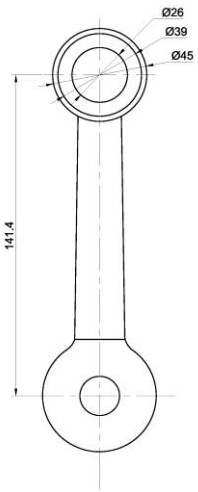
- 2 Way Spider Fittings- 180° with 200mm center to center
- Material: SUS316
- Finish: Polished / Satin Stainless Steel

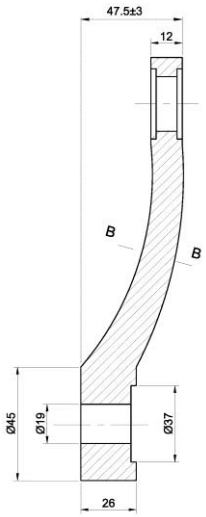




200SP1L

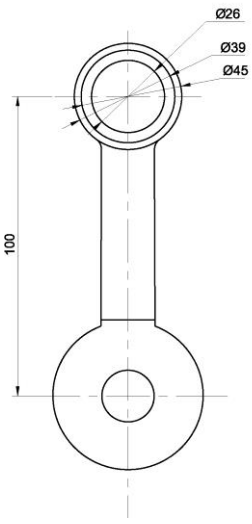
- 1 Way Spider Fittings with 141.4mm Glass to Spider Fittings Base
- Material: SUS316
- Finish: Polished / Satin Stainless Steel

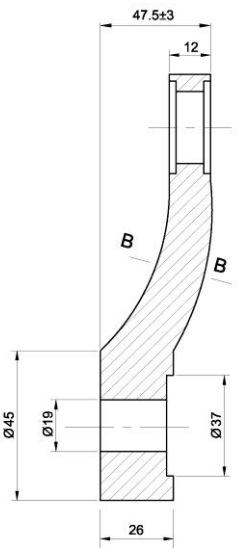




200SP1

- 1 Way Spider Fittings with 100mm Glass to Spider Fittings Base
- Material: SUS316
- Finish: Polished / Satin Stainless Steel

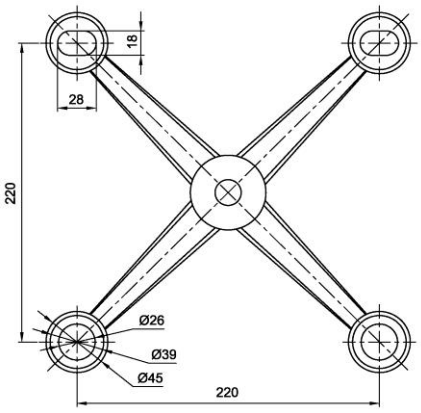


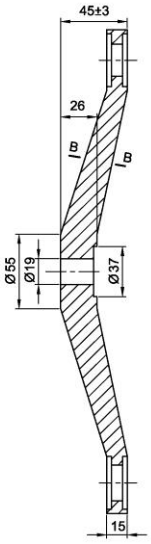


STAGE DESIGN

220mm Centre to Centre

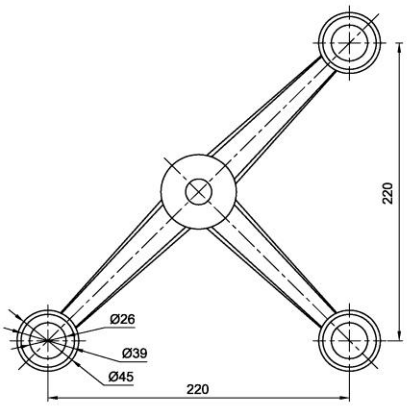
220SP4

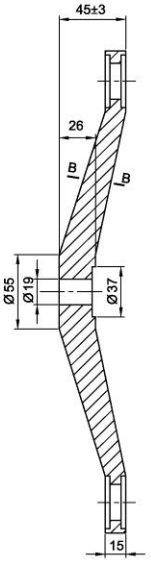




- 4 Way Spider Fittings with 220mm center to center
- Material: SUS316
- Finish: Polished / Satin Stainless Steel

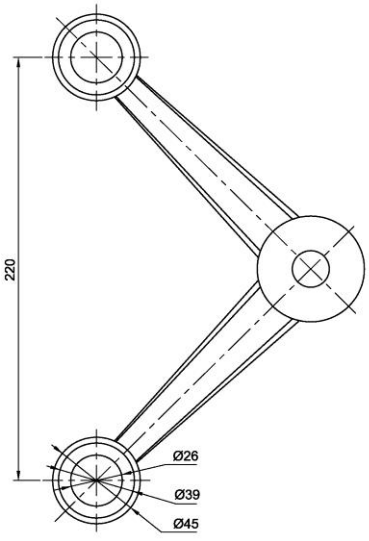
220SP3

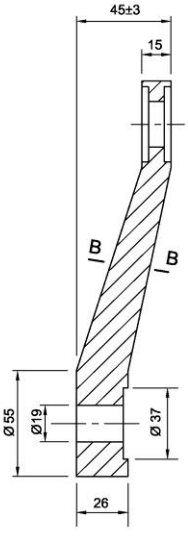




- 3 Way Spider Fittings with 220mm center to center
- Material: SUS316
- Finish: Polished / Satin Stainless Steel

220SP2-90





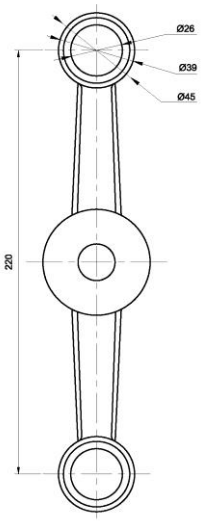
- 2 Way Spider Fittings-90° with 220mm center to center
- Material: SUS316
- Finish: Polished / Satin Stainless Steel

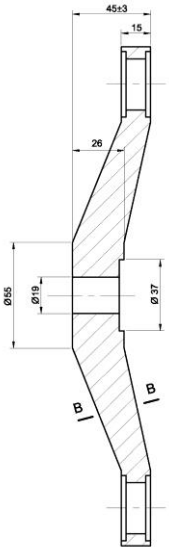
STAGE DESIGN

220mm Centre to Centre

220SP2-180

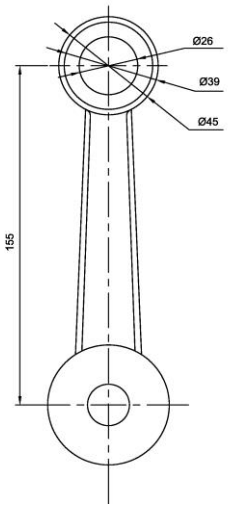
- 2 Way Spider Fittings- 180° with 220mm center to center
- Material: SUS316
- Finish: Polished / Satin Stainless Steel

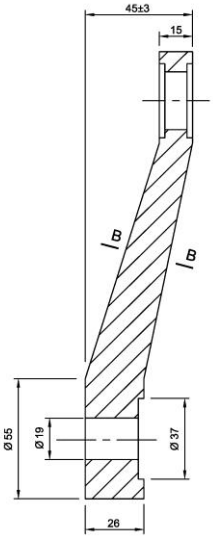




220SP1L

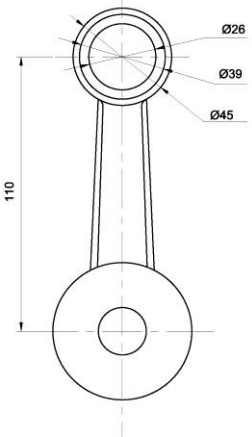
- 1 Way Spider Fitting with 155mm Glass to Spider Base
- Material: SUS316
- Finish: Polished / Satin Stainless Steel

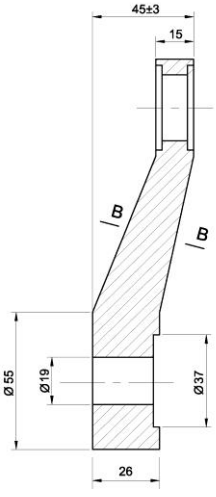




220SP1

- 1 Way Spider Fitting with 110mm Glass to Spider Base
- Material: SUS316
- Finish: Polished / Satin Stainless Steel

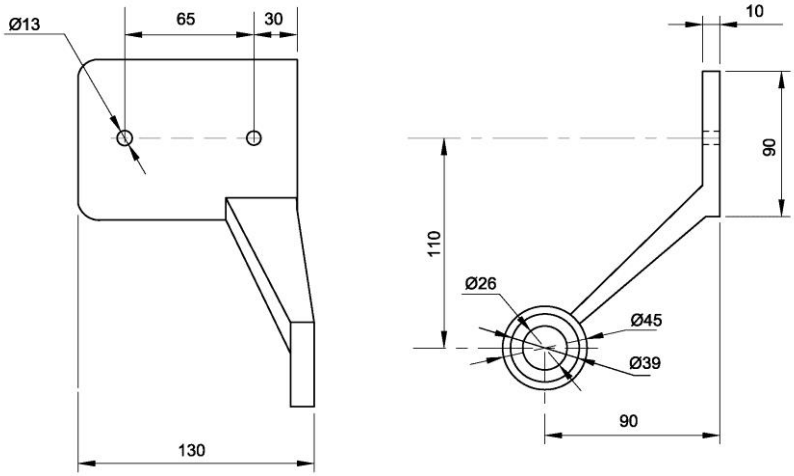




STAGE DESIGN

220SP1-WM

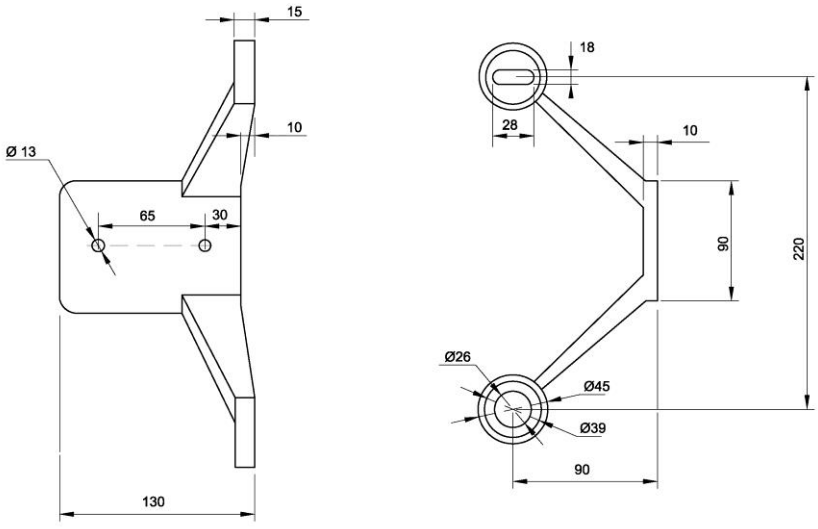
- 1 Way Spider Fitting Wall Mount
- 110mm Glass to Structure Connector
- Options : Left hand : 220SP1-WM (LH)
  Right hand : 220SP1-WM (RH)
- Material : SUS316
- Finish: Polished / Satin Finishes



220SP2-WM

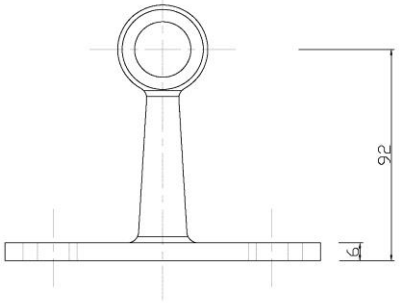
220mm Centre to Centre

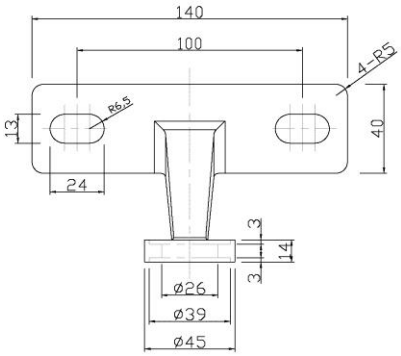
- 1 Way Spider Fitting Wall Mount
- 110mm Glass to Structure Connector
- Options : Left hand : 220SP1-WM (LH)
  Right hand : 220SP1-WM (RH)
- Material : SUS316
- Finish: Polished / Satin Finishes

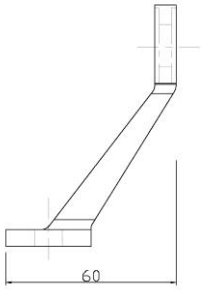


FIN SPIDER FITTINGS

200SP2-FT



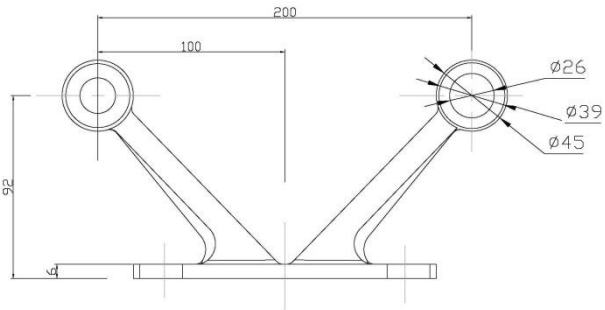


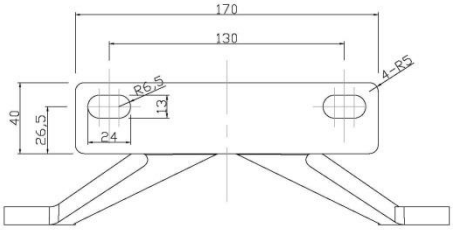


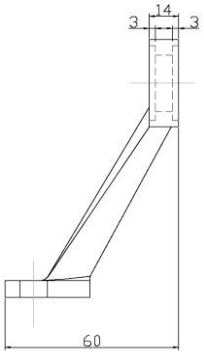
- 2 Way Fin Spider Fitting
- Includes Bolt and Nuts
- Use SP-AR04 flathead Articulate Routel only
- Material : SUS316
- Finish: Polished / Satin Finishes

200SP4-FT

200mm Centre to Centre





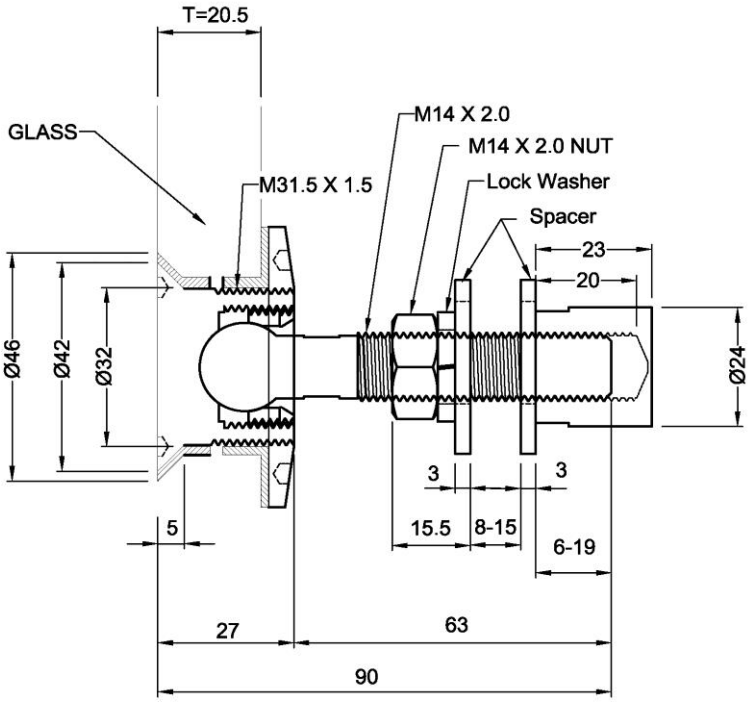


- 4 Way Fin Spider Fitting
- Includes Bolt and Nuts
- Use SP-AR04 Flathead Articulate Routel only
- Material : SUS316
- Finish: Polished / Satin Finishes

ARTICULATE ROUTEL

SP-AR01

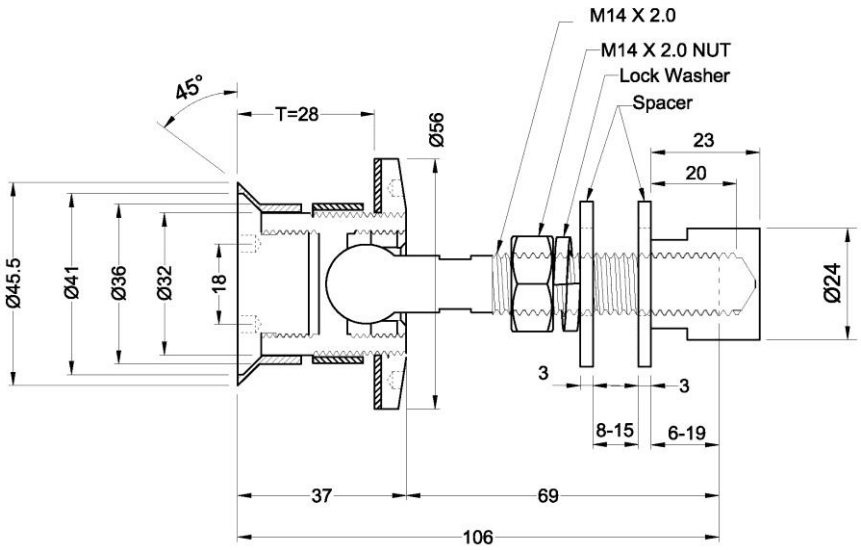
Countersunk Articulate Routel



- Countersunk Articulate Routel
- For glass thickness of ≤ 17.52mm
- Material: SUS316

SP-AR01F

Front Fix Countersunk Articulate Routel

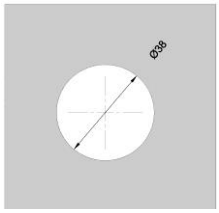


- For glass thickness of ≤ 21.52mm
- Material: SUS316

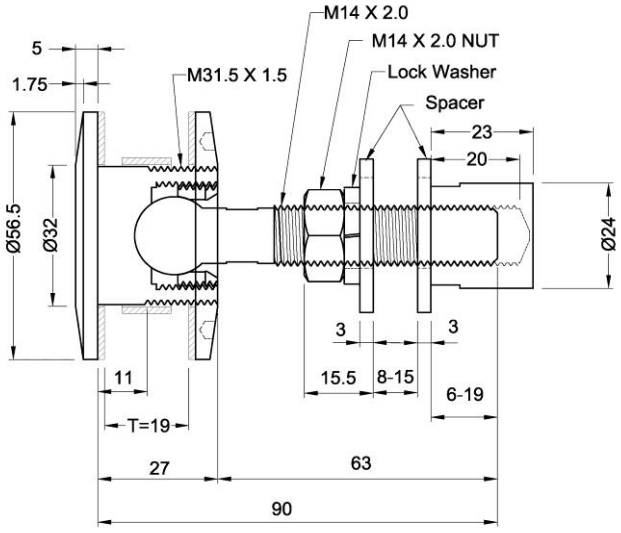
SP-AR02 & SP-AR02(26)

Flathead Articulate Routel

- For glass thickness of ≤ 17.52mm for SP-AR02 and 26mm for SP-AR02(26)
- Material: SUS316



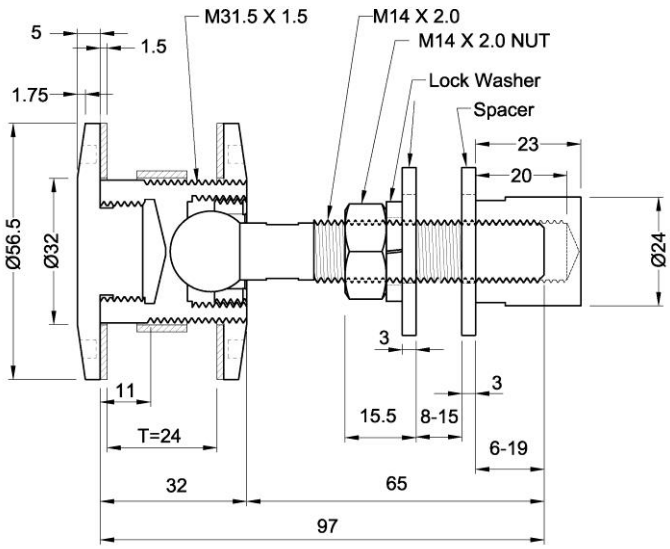
Glass Preparation
– User's discretion Required



SP-AR02F

Front Fix Flathead Articulate Routel

- Suitable for façade wall mounting
- For glass thickness of ≤ 21.52mm
- Material: SUS316

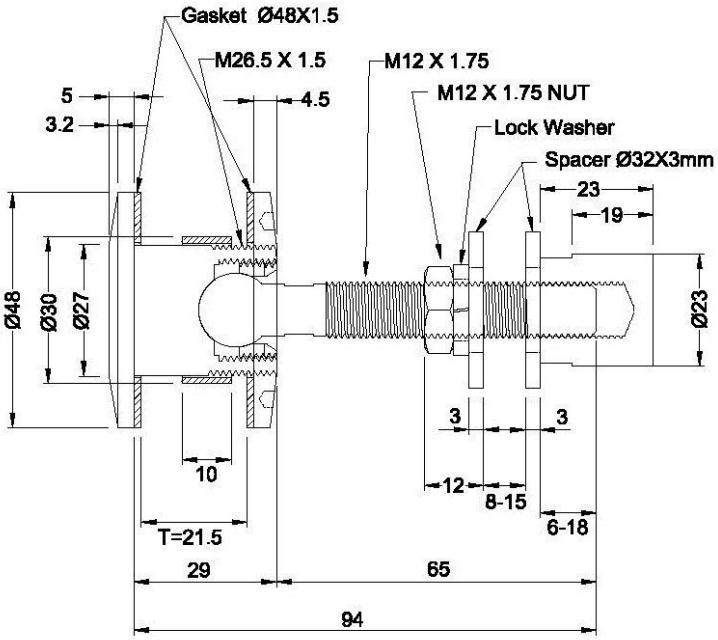


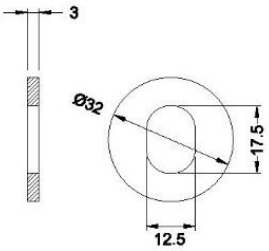
ARTICULATE ROUTEL

SP-AR04

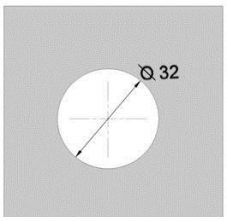
Flathead Articulate Routel

- Suitable for 200P2-FT and 200SP4-FT Fin Spider Only
- For glass thickness of ≤ 15mm
- Material: SUS316





Spacer (2pcs.)

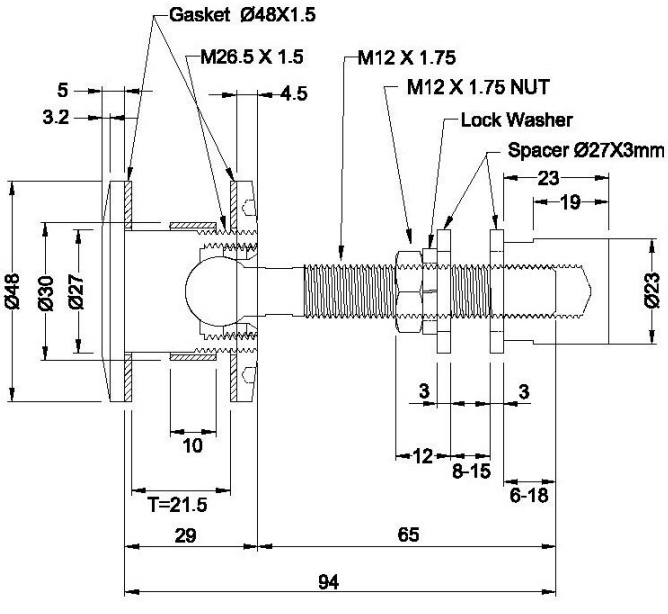


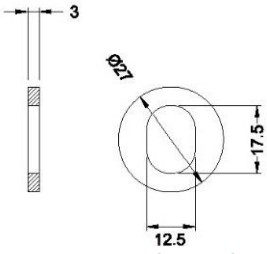
Glass Preparation

SP-AR06

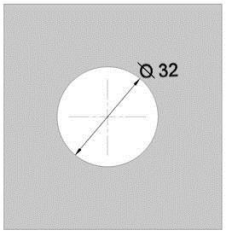
Flathead Articulate Routel

- Suitable for 150mm Spider Fitting Only
- Material: SUS316





Spacer (2pcs.)



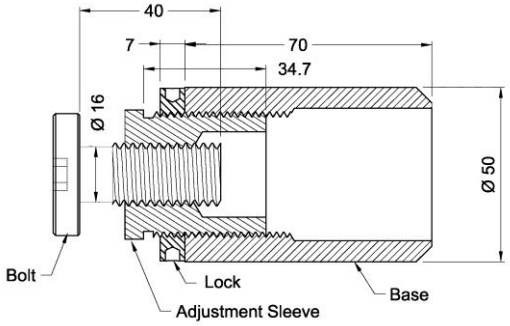
Glass Preparation

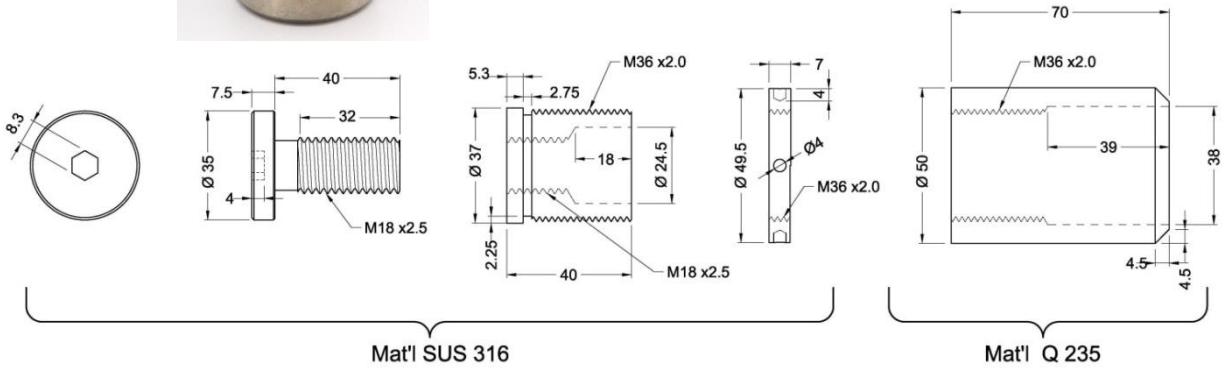
Spider Base

SP-Z01

Spider Fitting Base

- Comprising of 2 parts: SUS316 connector to spider fitting and Stainless Steel and Low Carbon Steel to structural support

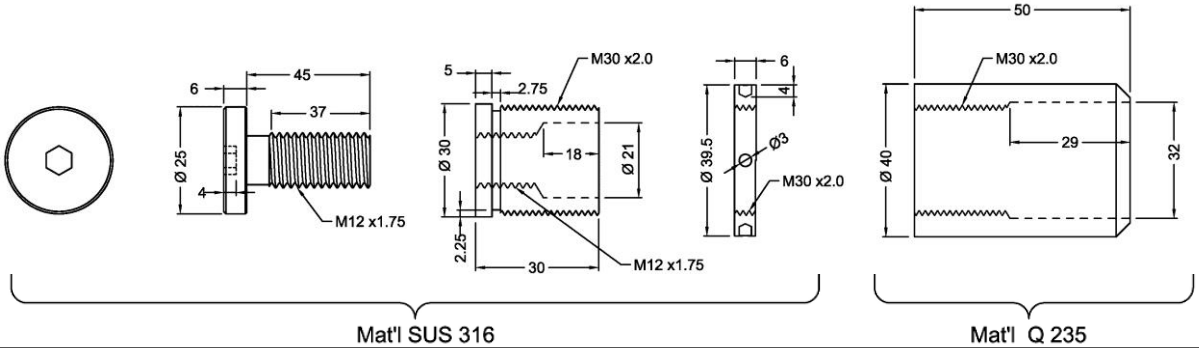




SP-Z06

Spider Fitting Base

- Suitable for 150mm Spider Fitting Only
- Comprising of 2 parts: SUS316 connector to spider fitting and Stainless Steel and Low Carbon Steel to structural support



Applications

- Suitable for glass facade, skylights, interior glass and architectural systems.
- Available in various centre - centre combination: 100mm,150mm, 200mm, 250mm, 300mm

Finishes

- Polished Stainless Steel
- Satin Stainless Steel

Material

- SUS 316

Test Report

PSB Corporation, Singapore

- AISI 316 – Chemical Composition Analysis Test
- Load Capability Test

Design Load

Design Axial Load Capability of Single Arm (N) - **Negative WindLoad**

150mm Type	1800
200mm Type	2500
220mm Type	3500
220SP1 / SP2-WM	4000
SP-AR01	4500
SP-AR02 / 02F	4500

Design Radial Load Capability of Single Arm (N) – **Self-Weight**

150mm Type	1000
200mm Type	1200
220mm Type	1800
220SP1 / SP2-WM	2000
SP-AR01	2000
SP-AR02 / 02F	2000

Note:
The above design values shown in the table are considered acceptable in certain countries. It may not be adequate to fulfill acceptance criteria in other countries which require more stringent requirements. It is suggested to multiply the values in the table with a factor of 0.9. Otherwise, the designer needs to test for adequacy against relevant national standard before use.

Preference
The Preferred Name in Entrance Systems

Preference Pte Ltd

No.2 Kallang Pudding Road #01-02 Mactech Building Singapore 349307
Tel: (65) 6746 5185 Fax: (65) 6746 8749 Email: enquiry@preference.com.sg Website: www.preference.com.sg