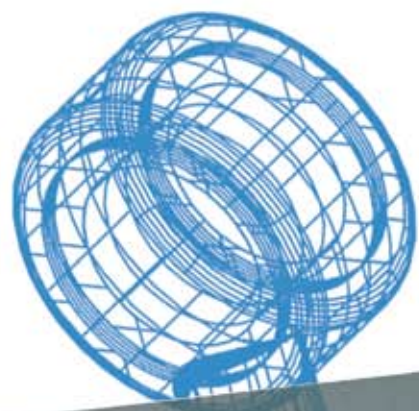
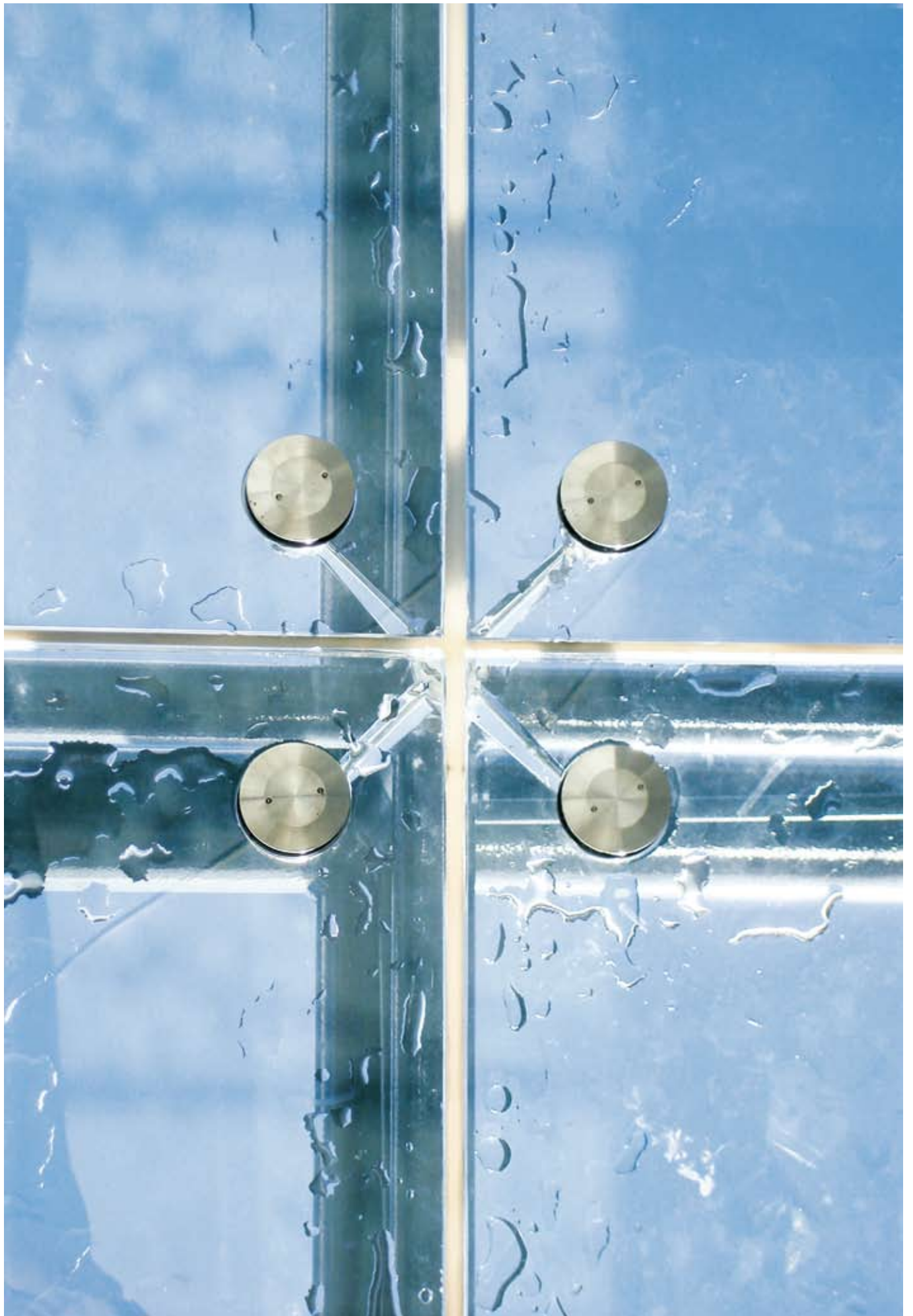


Fit|ECHNIC

Glass Fitting System



VEA – STRUCTURAL GLAZING



PT

As fachadas agrafadas (VEA) fazem já parte, tanto da arquitectura contemporânea como na reabilitação, como forma elegante de alcançar o máximo de transparência de uma fachada. Estas fachadas podem já servir como fachadas ventiladas ou fachadas estruturais. Através do desenvolvimento inovador de soluções de Sistema **FITECHNIC** com vidros especiais, obtém-se a máxima protecção contra poluição ambiental e sonora, assim como protecção solar e térmica.

Trata-se de um simples, mas engenhoso sistema para fixar painéis de vidro (monolítico temperado, laminado temperado e duplo temperado), que permite realizar projectos limpos e esteticamente singulares.

A sua maior vantagem é a grande capacidade de regulação na instalação e potencialidades tridimensionais de desenho.

A nossa experiência e equipa técnica oferece a melhor assistência na supervisão dos projectos, para que o nosso sistema possa optimizar o máximo desempenho da fachada e das estruturas metálicas de suporte.

EN

Structural glazing (VEA) makes part of forward coming architecture as well as rehabilitation, as an elegant way of designing with most transparency. These facades can be ventilated or structural. Through the innovative development of **FITECHNIC** fitting solutions and special glasses we can get the maximum protection against ambient and noise pollution as well as solar and thermal protection.

This intelligent system is made of glass panels (monolithic tempered, laminated tempered e double glazing), which allows to construct single and visually clean projects.

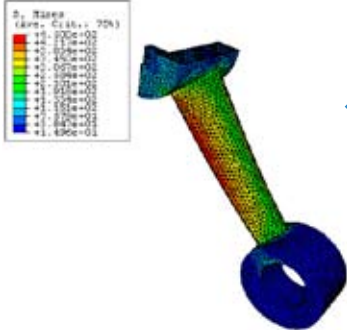
It´s big advantage is the great capacity of regulation in installing great possibility in three-dimensional designing.

Our team experience will offer you best assistance in supervision of all projects so that our system can optimize the facade performance as well as the metallic structures.



PT

O sistema articulado **FITECHNIC** está patenteado e foi estudado e desenhado por meio de análise fisicamente não linear com elementos finitos e posteriormente comprovadas através de ensaios de resistência mecânica em laboratórios independentes. A análise matemática e testes de cargas verificam a resistência necessária em força combinada, tanto na vertical como na horizontal.

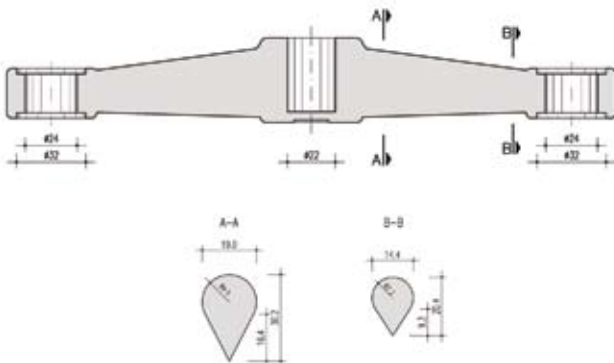


↳ Análise matemática não linear com elementos finitos.
Nonlinear dynamic analysis.



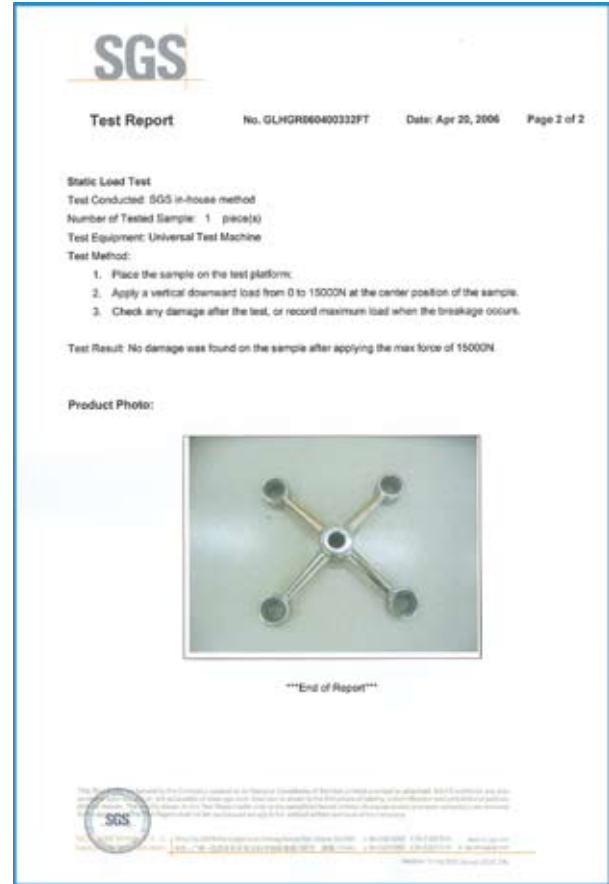
↳ Ensaios de resistência mecânica.
Mechanical destructive tests.

Precisão dimensional CNC.
CNC dimensional precision.

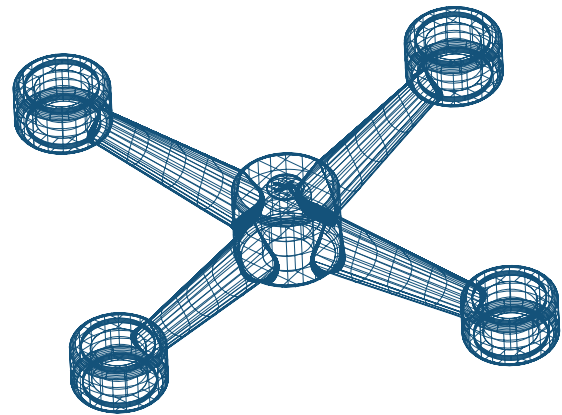


EN

The registered articulated system **FITECHNIC** has been studied and designed by nonlinear dynamic analysis and afterward confirmed through mechanical destructive tests in independent laboratories. All tests prove strong resistance to a combined force in vertical as well as in horizontal.



↳ A Inspeção e Controle de Qualidade tem a garantia SGS.
Inspection and Quality Control is assured by SGS.



↳ Modelação 3D.
3D modelling.



Fl 4V braços / Fl 4V arms



Fl 1V braço / Fl 1V arm



Fl 3V braços / Fl 3V arms



Fl 1H braço / Fl 1H arm



Fl 2V braços / Fl 2V arms



Fl 2H braços / Fl 2H arms



PT

Aranhas

Aranhas para união de vidros em aço inox AISI 316 fabricada em micro fusão a cera perdida com acabamento superficial polido brilhante-espelho e mecanizada em linha CNC. Distância entre eixos 170 mm.

EN

Spiders

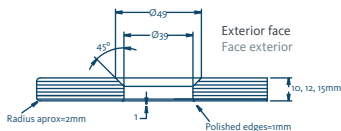
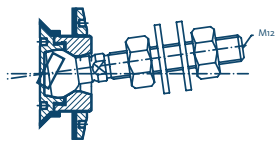
Spider for 4 glasses in stainless steel AISI 316, made in a micro fusion process with polished finishing and mechanized in CNC line. Arm distance between hole and central axis 170 mm.

PT

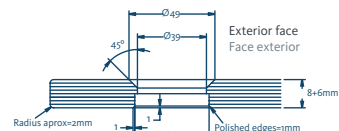
Rótulas

EN

Articulated bolts



▲ Detalhe do furo para vidro temperado rótula RE10-15/M12.
Hole detail for tempered glass rotule RE10-15/M12.

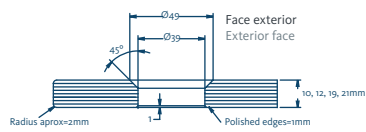
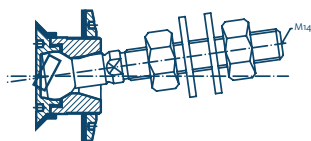


▲ Detalhe do furo para vidro laminado rótula RE10-15/M12.
Hole detail for laminated tempered glass rotule RE10-15/M12.

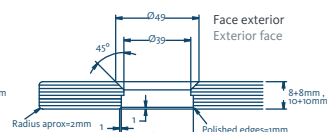
RE10-15M12

Rótula em aço inox AISI316 para fachada de vidro temperado entre 10 e 15mm - tronco cónico.

Articulated bolt in stainless steel AISI316 for facade in monolithic tempered glass 10 to 15mm - conic hole.



▲ Detalhe do furo para vidro temperado rótula RE12-21/M14.
Hole detail for tempered glass rotule RE12-21/M14.

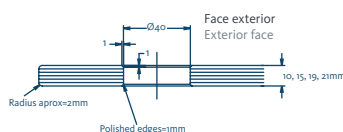
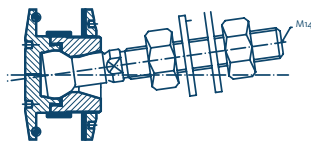


▲ Detalhe do furo para vidro laminado rótula RE12-21/M14.
Hole detail for laminated tempered glass rotule RE12-21/M14.

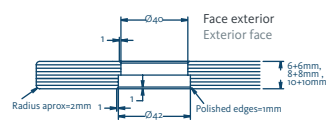
RE12-21M14

Rótula em aço inox AISI316 para fachada de vidro temperado entre 12 e 21mm - tronco cónico.

Articulated bolt in stainless steel AISI316 for facade in monolithic tempered glass 12 to 21mm - conic hole.



▲ Detalhe do furo para vidro temperado rótula RT12-21/M14.
Hole detail for tempered glass rotule RT12-21/M14.

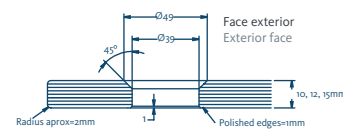
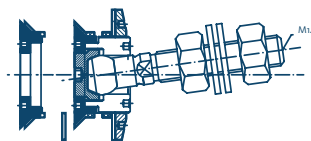


▲ Detalhe do furo para vidro laminado rótula RT12-21/M14.
Hole detail for laminated tempered glass rotule RT12-21/M14.

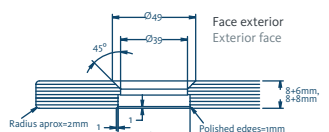
RT12-21M14

Rótula em aço inox AISI316 de tampa para fachadas/coberturas em vidro laminado e temperado 12 a 21mm - furo cilíndrico.

Articulated bolt in stainless steel AISI316 with cap for facades/roof glazing in laminated tempered glass 12 to 21mm - cylindrical hole.



▲ Detalhe do furo para vidro temperado rótula REC10-16/M14.
Hole detail for tempered glass rotule REC10-16/M14.



▲ Detalhe do furo para vidro laminado rótula REC10-16/M14.
Hole detail for laminated tempered glass rotule REC10-16/M14.

REC10-16M14

Rótula em aço inox AISI316 de tampa cónica de aperto exterior para fachada em vidro temperado 10 a 16mm - tronco cónico.

Articulated bolt in stainless steel AISI316 with conic cap for exterior installation for facades in tempered or laminated tempered glass 10 to 16mm - conic hole.

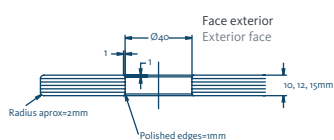
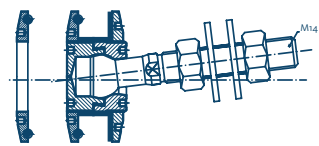


PT

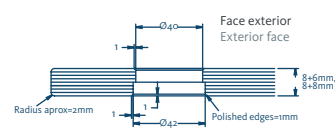
Rótulas

EN

Articulated bolts



↑ Detalhe do furo para vidro temperado rótula RCT10-16/M14.
Hole detail for tempered glass rotule RCT10-16/M14.

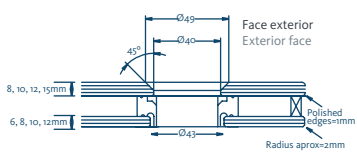
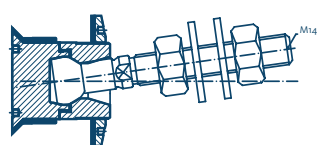


↑ Detalhe do furo para vidro laminado rótula RCT10-16/M14.
Hole detail for laminated tempered glass rotule RCT10-16/M14.

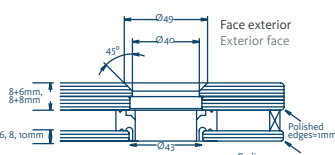
RCT10-16M14

Rótula em aço inox AISI316 de tampa de aperto exterior para fachadas/coberturas em vidro laminado e temperado 12 a 16mm - furo cilíndrico.

Articulated bolt in stainless steel AISI316 with cap for exterior installation facades/roof glazing in laminated tempered glass 12 to 16mm - cylindrical hole.



↑ Detalhe do furo para vidro temperado rótula RD28-36/M14.
Hole detail for tempered glass rotule RD28-36/M14.

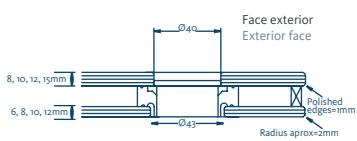
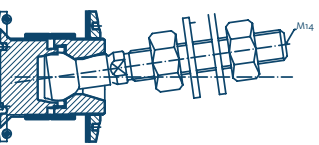


↑ Detalhe do furo para vidro laminado rótula RD28-36/M14.
Hole detail for laminated tempered glass rotule RD28-36/M14.

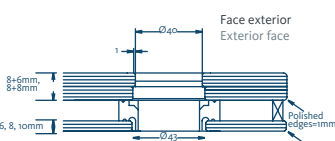
RD28-36M14

Rótula em aço inox AISI316 para fachadas em vidro duplo temperado 28 a 36mm – tronco cônico.

Articulated bolt in stainless steel AISI316 for double glazing facade in tempered glass 28 to 36mm – conic hole.



↑ Detalhe de furo para vidro temperado com camara rótula RDT28-36/M14.
Hole detail for doble glazing tempered glass rotule RDT28-36/M14.



↑ Detalhe de furo para vidro laminado com camara rótula RDT28-36/M14.
Hole detail for doble glazing laminated glass rotule RDT28-36/M14.

RDT28-36M14

Rótula em aço inox AISI316 de tampa para fachadas/coberturas em vidro duplo temperado 28 a 36mm - furo cilíndrico.

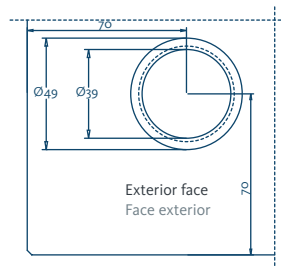
Articulated bolt in stainless steel AISI316 with cap for double glazing facades/roof glazing in tempered glass 28 to 36mm - cylindrical hole.

PT

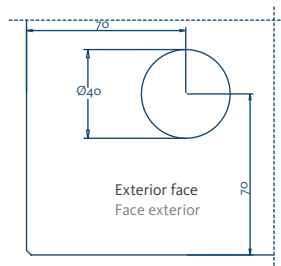
Detalhes dos furos

EN

Holes / drill details



↑ Detalhe para furo cônico .
Detail for conic hole.



↑ Detalhe para furo cilíndrico.
Detail for cylindrical hole.



PT

Complementos



EN

Complements

FI-C81

Conector em aço inox AISI 316 M24 para ligação a estrutura montante.

Thread union screw in stainless steel AISI 316 M24 to be fixed to main structure.



FI-TT

Teton em aço inox AISI 316 M24 para ligação a estrutura montante

Base support in stainless steel AISI 316 M24 o be fixed to main structure



RZ12-24

Rótula Articulada em aço inox AISI316 para ligação parede/pavimento e vidro temprado entre 12 e 24mm.

Articulated rotule in stainless steel AISI316 to conetc to wall/pavement and tempered glass 12 to 24mm.



RSE12-21M10

Rótula fixa em aço inox AISI316 de aperto exterior para aplicação interior de vidro temperado 12 a 21mm.

Fixed bolt in stainless steel AISI316 for for interior application in tempered glass 12 to 21mm.

PT

Fachadas especiais

Fachadas em cabos estruturais em aço inox AISI 316 permitem vencer vãos sem recurso a estruturas montantes. Através de aranhas ligadas a bielas e por sua vez entrelaçadas por cabos rígidos tencionados obtém-se a máxima transparência e óptima aparência estética.

EN

Special facedes

A structural glazing facade with stainless steel cables allows cleaner facades without metallic structures. Using spiders connected with rod and through the tensioned cables we can obtain maximum transparency and optimum visual aesthetical appearance.



FI-CAB

Cabo rígido 1x19 em aço inox AISI316 com tensor e 2 garfos de diâmetro variável.

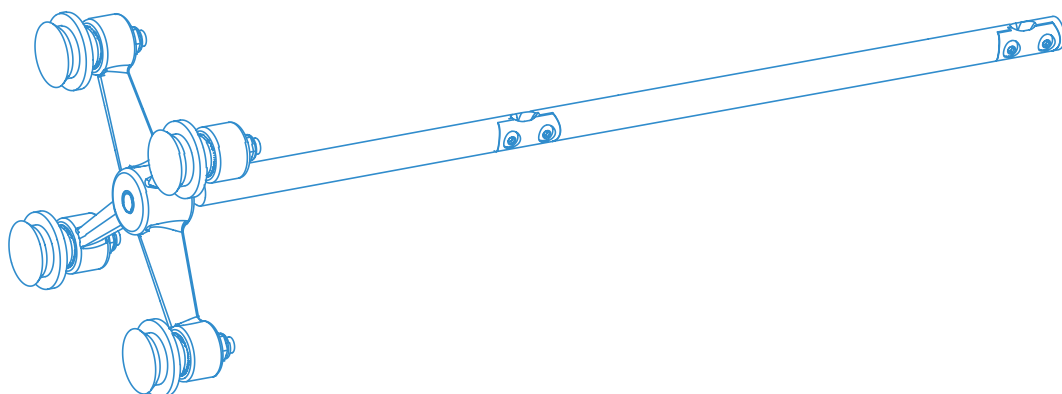
Cable in Stainless steel AISI316 with turnbuckle and 2 forks variable diameter.



FI-VAR

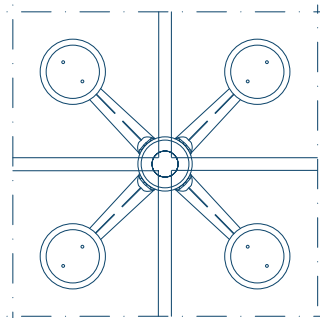
Varão roscado em aço inox AISI316 com tensor e 2 garfos de diametro variável.

Rod in Stainless steel AISI316 with turnbuckle and 2 forks variable diameter.

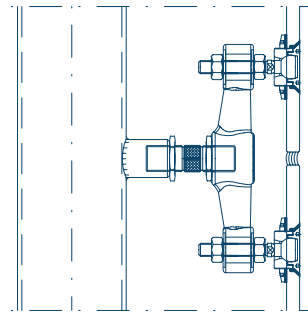




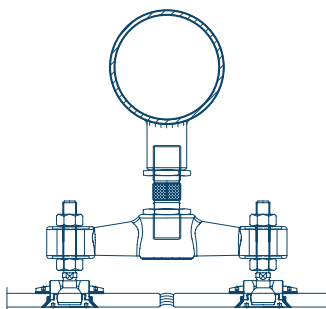
- 1** Vidro
Glass
- 2** Rótula
Articulated bolt
ref^oRE1015/M12
- 3** Aranha
Spider
ref^oFI-4V
- 4** Conector
Threaded union screw
ref^oFI-C81
- 5** Teton
Base support
ref^oFI-TT
- 6** Estrutura
Main structure



▲ Vista de frente exterior da aranha **FITECHNIC** com rótula RE10-15.
Exterior front view **FITECHNIC** spider with rotule RE10-15.



▲ Secção vertical da aranha **FITECHNIC** com rótula RE10-15.
Vertical section **FITECHNIC** spider with rotule RE10-15.



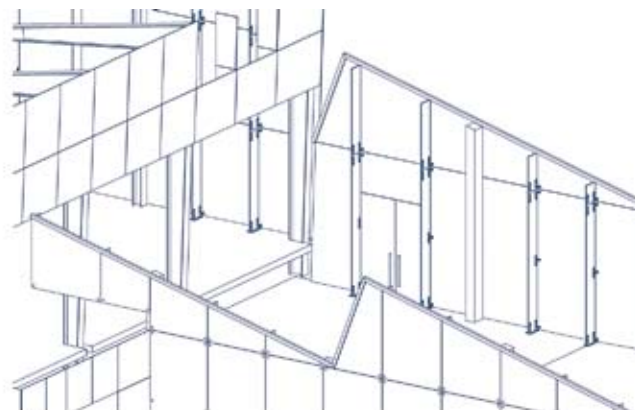
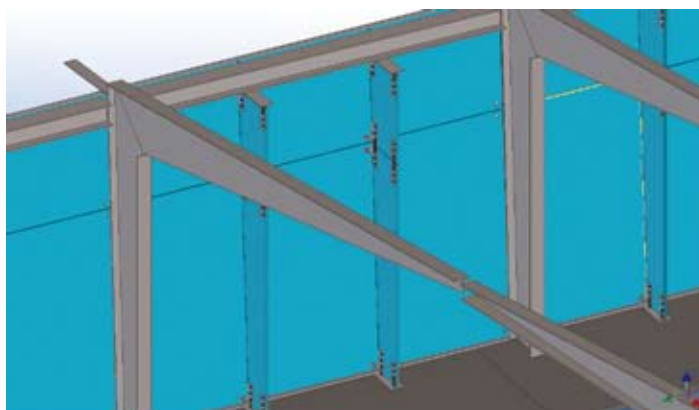
▲ Secção horizontal da aranha **FITECHNIC** com rótula RE10-15.
Horizontal section **FITECHNIC** spider with rotule RE10-15.



AUTOSUECO / Lisboa

Instalador: VICER

Glass Contractor: VICER



CHARCAS HOTEL / Montargil

Arquitecto: VIA Arq. / Instalador: VIF

Arquitect: VIA Arq. / Glass Contractor: VIF



HOTEL MELIÀ CAPUCHOS / Costa da Caparica
Arquitecto: Paciência Arq. / Instalador: União
Arquitect: Paciência Arq. / Glass Contractor: União



by Telmo Miller



CENTRO SAÚDE MASSAMÁ / Massamá

Arquitecto: DOM CM Sintra / Instalador: VIDRILICA

Arquitect: DOM CM Sintra / Glass Contractor: VIDRILICA



BIBLIOTECA MUNICIPAL DA AMADORA / Amadora

Instalador: VIDRILICA

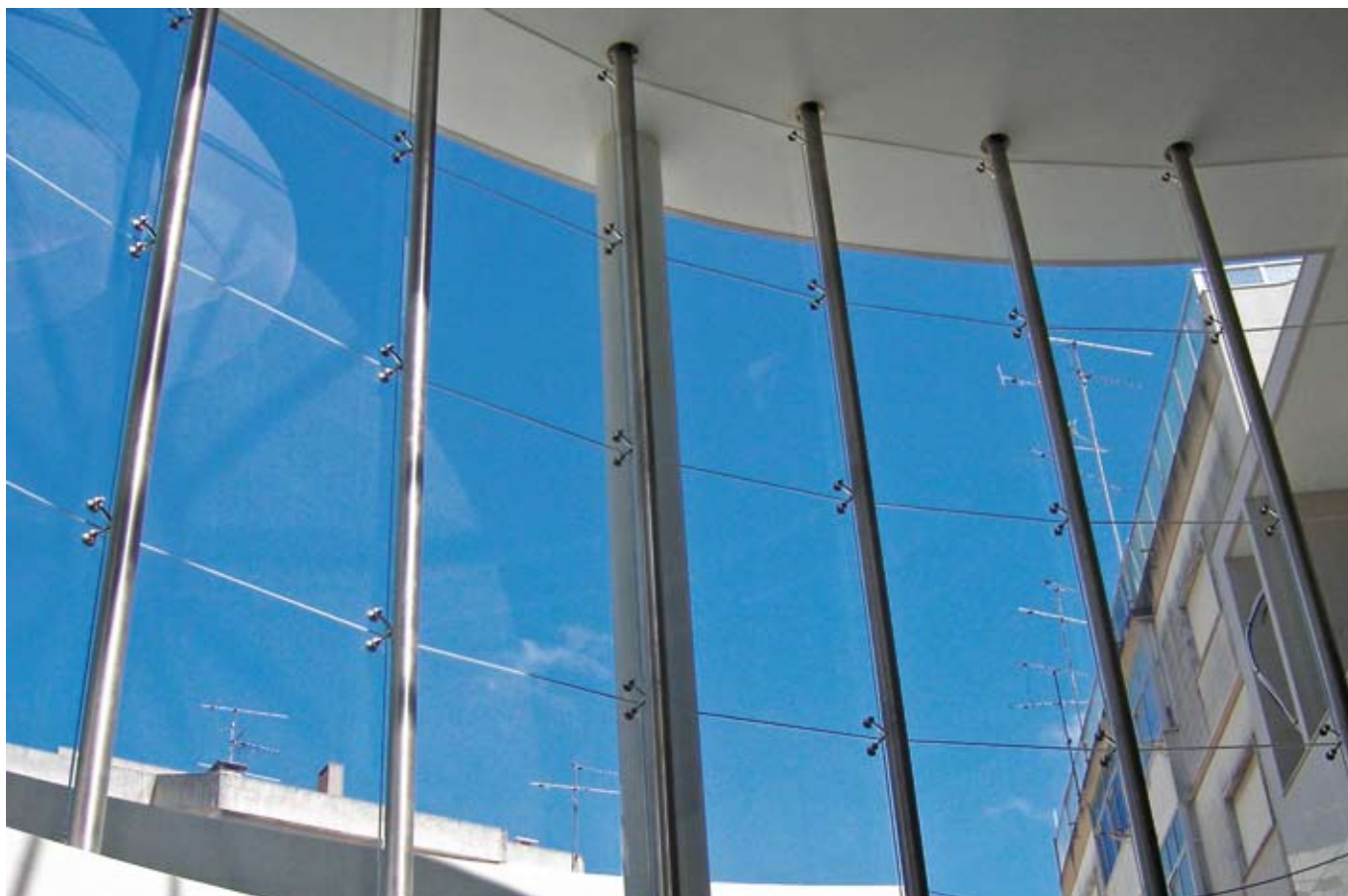
Glass Contractor: VIDRILICA



CALDAS SHOPPING / Caldas da Rainha

Arquitecto: José Quintela / Instalador: VBS

Arquitect: José Quintela / Glass Contractor: VBS



HOTEL VIP / Lisboa

Arquitecto: AC Arq. / Instalador: SEVEME

Arquitect: AC Arq. / Glass Contractor: SEVEME



IKEA / Matosinhos

Arquitecto: CPU Consultores / Instalador: VICER

Arquitect: CPU Consultores / Glass Contractor: VICER

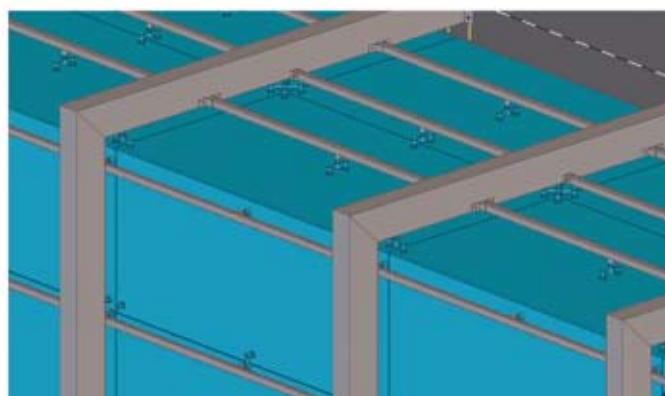
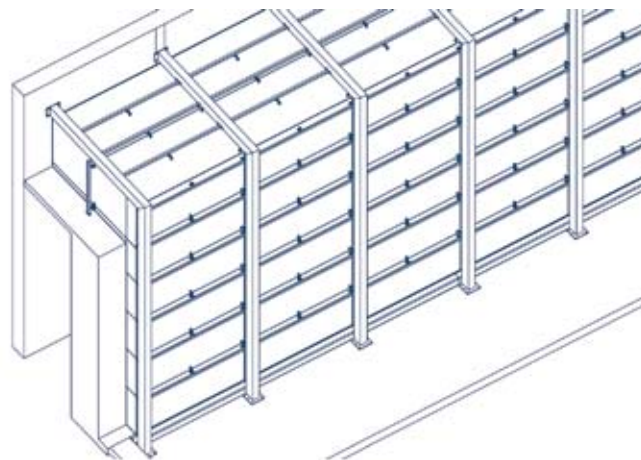


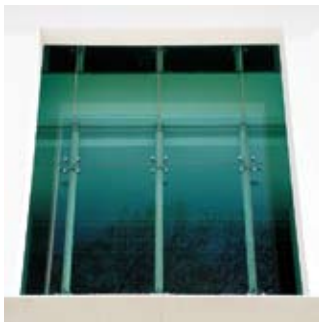
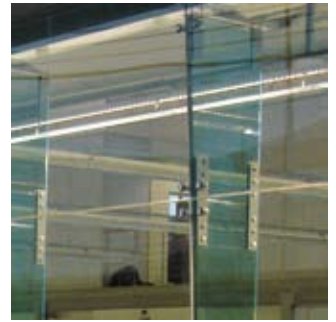
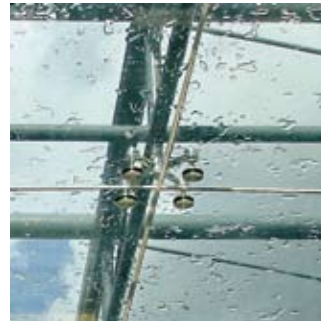
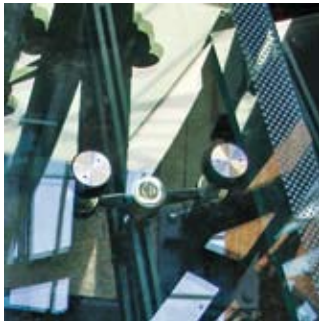


CIVIGAL / Torres Vedras

Instalador: VICER

Glass Contractor: VICER





Fit / ECHNIC



FIT|ECHNIC

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