

ALUMINCO
ALUMINIUM BUILDING SYSTEMS



*Feel
the Difference!*

Catalogue of aluminium railings in anodized finish



INDEX

ALUMINCO ALUMINIUM BUILDING SYSTEMS

Introduction	2
Finish	4
F50 <i>Accord</i>	6
F50 <i>Accord</i> QUATTRO	8
F50 <i>Accord</i> SQUARE	16
F50 <i>Accord</i> X SQUARE	18
F50 <i>Accord</i> SQUARE Q	20
F50 <i>Accord</i> TUBULAR	22
F50 <i>Accord</i> BLADE	24
F50 Horizon	28
F50 Horizon X-Rail	30
F50 Horizon Square X-Rail	32
F50 Horizon Quattro	36
F50 Horizon Max	38
F50 Horizon U-Rail	40
F50 Horizon H-Rings	42
F50 Horizon Frame	46
F50 Horizon BLADE	48
F50 Vertical	50
F50 Vertical-R	52
F50 Vertical-D	54
F50 Vertical-Q	56
Profiles	58
Accessories	60
Blade Accessories	64
Montage Materials	85
Installation Regulations	86
Solid Polycarbonate Sheets	90
	94

ALUMINCO

ALUMINIUM BUILDING SYSTEMS



ALUMINCO represents the first company in the field, which since its foundation in 1982, initiated a new generation of innovative products of cast aluminium in traditional designs, complying with the current architectural and constructional needs.

Today it has been developed into a completely vertical aluminium industry, probably unique in Greece that processes aluminium in three ways:

- Extrusion - with a production capacity of 13.000 tones of profile per year
- Doors & Panels - with a production capacity of 70.000 panels per year
- Foundry - with a production capacity of 1.000 tones per year

In ALUMINCO's production center, which is extended into 30.000 sq.m in Inofyta Viotia, 40 km from Athens, the company has integrated aluminium process units, polyester powder coating, montage, finishing and packaging of the products which produces and delivers finished, ready for use.

COMPANY PROFILE



With integrated solutions for the professional constructor and an outstanding corporate strategy, characterized by:

- Restless, innovative spirit

Continuously focusing into research and development of new, improved products and systems which fully comply with the quality, the design and performance standards of the EE countries.

- Outstanding quality

With production processes certified by the ISO 9001 & ISO 9014. With dyeing processes based on the QUALICOAT specifications and extra Seaside Class process.

- Unsurpassed flexibility

Besides its size, ALUMINCO is always ready to design and produce customized products and solutions, which meet the requirements of even its most demanding clientele.

Thereof, it's not an accidental fact that ALUMINCO's export activity covers over 60 countries, in 5 continents.

ALUMINCO solutions

- Aluminium profile systems
- Aluminium panels
- Main entrance doors
- Railing systems
- Outdoor living systems



No: 02 100 0274





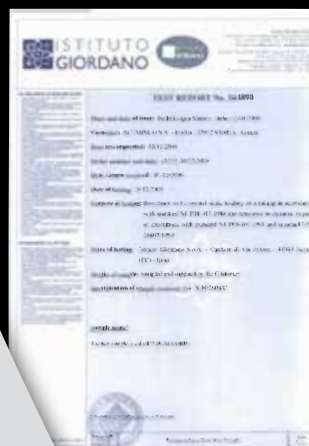
F50 Railing System

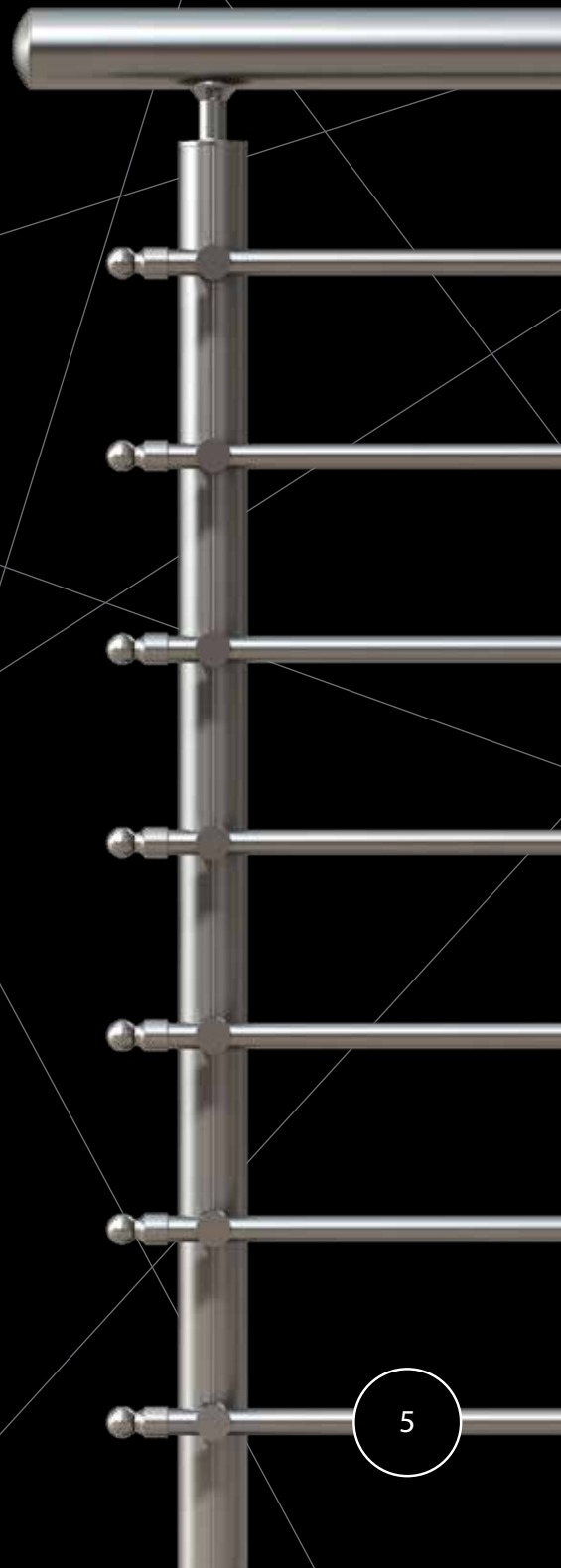
ALUMINCO presents its brand new, modern, stylish and fully integrated railing system. **The F50 Railing System.**

F50 Railing System is based on an extremely simple design and constructional concept: a tubular system of anodized or polyester powder coated aluminum, which is elaborately bonded with connectors and supports creating a discrete, distinctive and high aesthetics result.

Its metal elements fit in harmony together forming an extremely elegant, beautiful, and inspiring look. They can optionally be combined with a variety of Lexan® polycarbonate sheets or glass, offering unlimited options for numerous architectural applications.

In INOX type series, aluminum profiles and accessories have gone under an advanced anodizing treatment, characterized by unique properties: extreme hardness - second only to diamond - and unique stainless steel finish. The series offers substantial competitive advantages over stainless steel systems: high aesthetics, lightweight and lower cost.

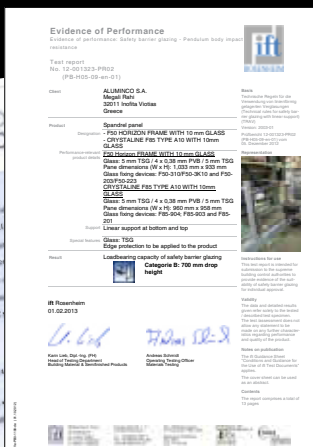




For color lovers, F50 Railing System is offered in a wide range of powder coating, RAL, special, mat, textured and wood imitation. ALUMINCO's powder coating production is approved and ensure that all process are qualicoat seaside class certified.

The F50 Railing System applications are unlimited and offer unique solutions to the contemporary constructions. Some of them are:

- Balcony railings and outdoor stair railings, with unique appearance and durability to the various environmental conditions. Suitable for modern houses and commercial buildings, outdoor hotel cites (such as balconies, pools etc), public places especially practical in big cities (such as metro stations, museums etc).
- Indoor stairs railings and houses' and business building's interior (such as hotels, restaurants, coffee shops etc) offering a special sense of high aesthetics.





Anodizing

Anodizing successfully combines science with nature to create one of the best natural finishes available for aluminum. It is an electrolytic process used to increase the thickness & the hardness of the natural oxide layer on the surface of aluminum parts.

The process

F50 Railing System is anodized according to the Sulfuric acid method and the production meets the standards for moderate thickness coatings MIL-A-8625 Type II .

Benefits of Anodizing

Anodizing is a unique finish which fulfils high quality standards and has significant advantages:

- Great Resistance. Extremely long service life and low maintenance costs.
- Color stability. Anodizing offers highly resistant to UV radiation and doesn't flake or crack.
- Ease of maintenance. F50 anodized parts can easily be cleaned and remain brand new by using natural water, a mild soap and soft cloth.
- High aesthetics. Unlike other finishes, anodizing allows the aluminum to maintain its metallic appearance, similar to inox steel.
- Low cost. Installation and maintenance cost is much lower compared to inox steel.
- Safe and Durable. Anodizing is a chemically stable process. It is not toxic, does not decompose and is highly resistant to heat.

Care & Maintenance

DO

Warm natural water and a mild soap is enough for cleaning F50 anodized parts. In small parts a soft cloth can be also used. If there is fat remaining, a soft cloth and white spirit can be used. Wash properly by using natural water

DON'T

Acid or alkaline cleaners are not recommended because it due to coating damage. Sandpaper, or other abrasive materials should not be used in order to remove dirt.

How often parts should be cleaned?

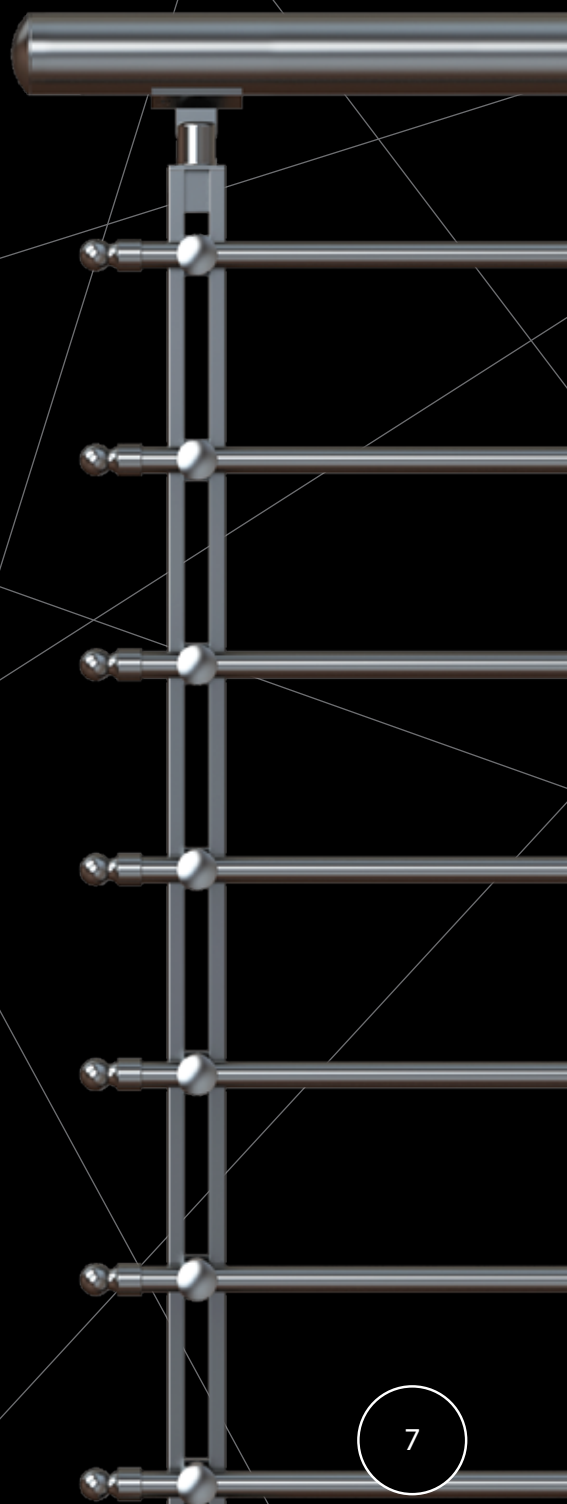
Cleaning frequency should be between once a month up to once every six months, depending on the application and the environment where F50 is exposed.

Paint Finish

Polyester powder coating protects from corrosion and offers high aesthetic appearance.

ALUMINCO applies coating quality QUALICOAT - Sea-side Class. The introduction of quality certification QUALICOAT ensures that:

- Coating unit has the proper equipment and follow this process and approved.
- Coating unit is obliged to implement any new requirement of specifications required by the evolution of technology and know-how acquired.
- Coating unit on a daily basis checks the quality of products produced and follows specific standards as defined by the relevant specifications.





models



profiles



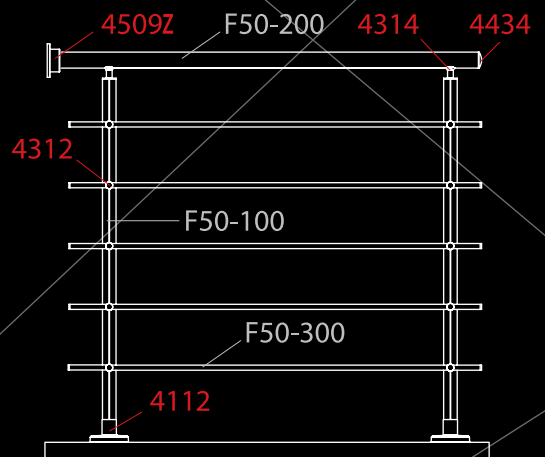
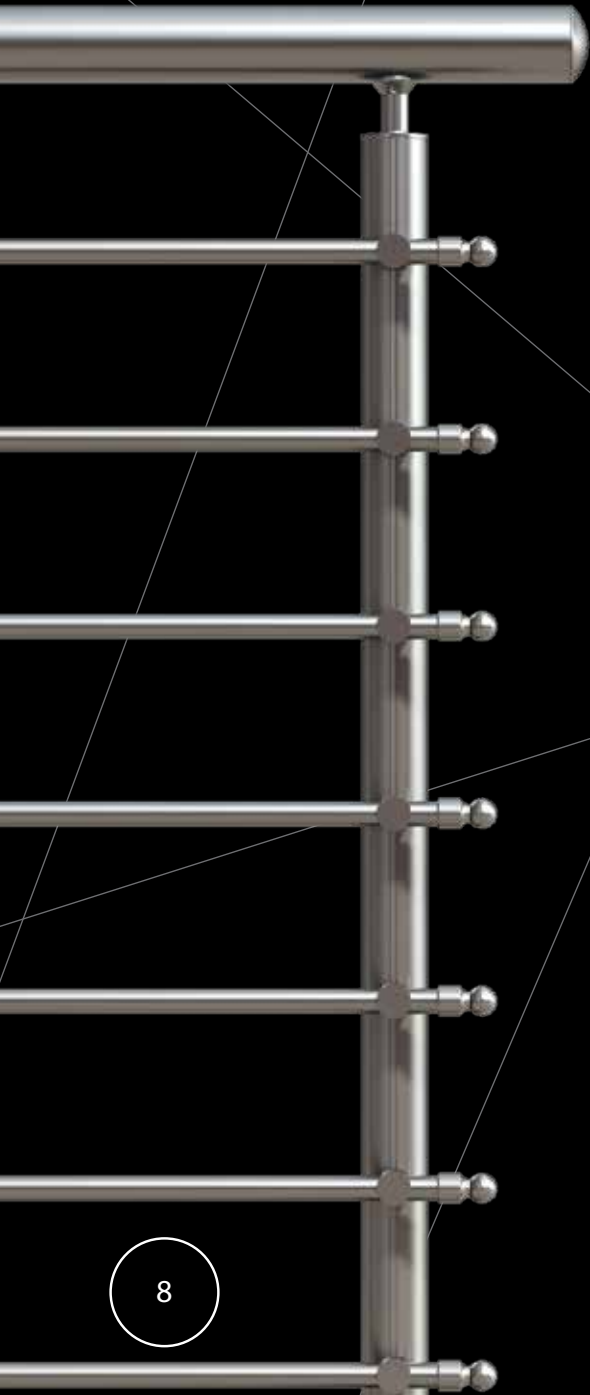
accessories



installation regulations

F50 *Accord*

Parallel lines and simple mounting in total accord.



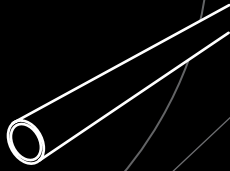
4314

*Railtop support with column
(straight)*



F50-300

Ø16x1,3 Profile



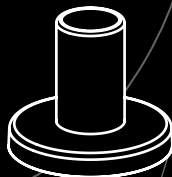
4329

*Adjustable corner Ø50
railtop connector*



4112

*External support foot for
F50-100 column*



4437

Ø16 Profile finish



4312

*Column F50-100 connector
with Ø16 profile*





models



profiles



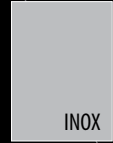
accessories



installation regulations

F50 *Accord*

Variation of the basic Accord design, with curved corner connectors.

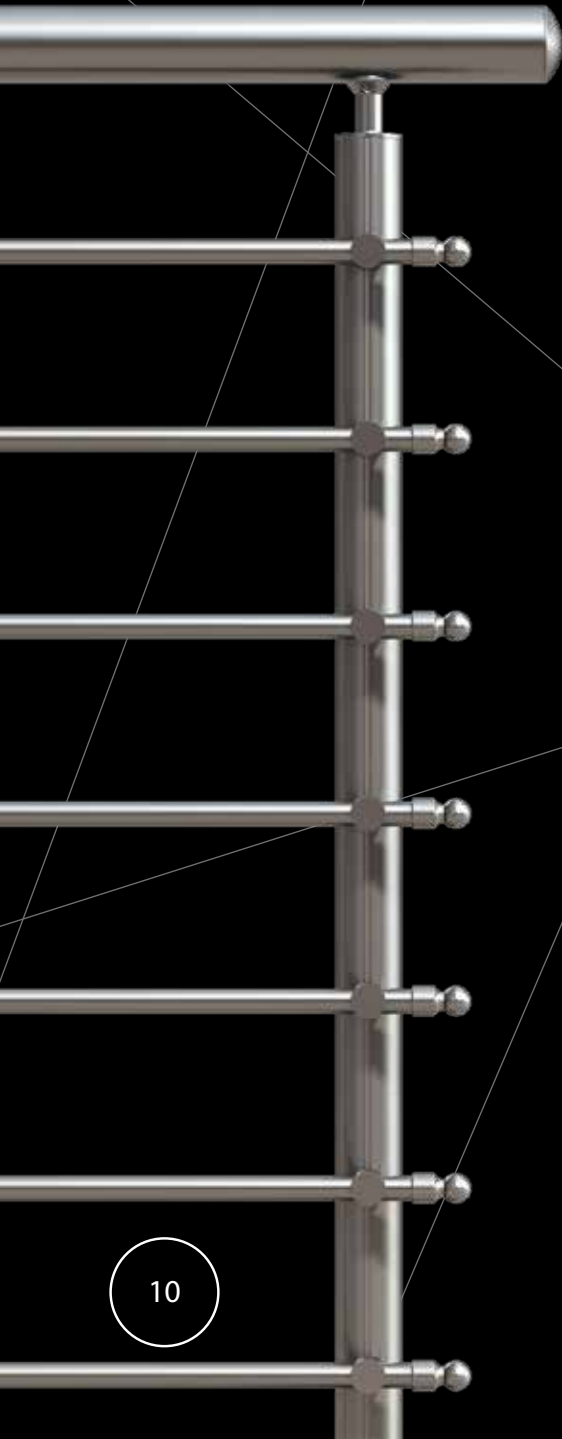
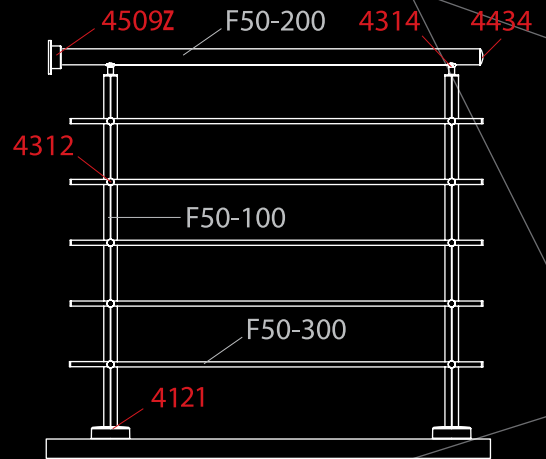


INOX



209 Colors

Available Finish



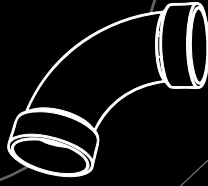
4314

*Railtop support with column
(straight)*



4219

Ø50 Railtop corner connector 90°



4228

Ø16 Profile connector 90°



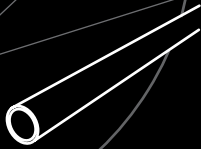
4229

Ø16 Profile connector 135°



F50-300

Ø16x1,3 Profile



4121

Support foot for F50-100 column





models



profiles



accessories

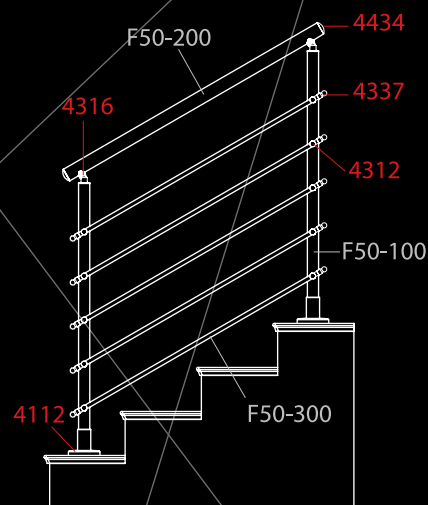


installation regulations

F50 *Accord*



Specially designed accessories, allow application of the Accord design on any type of staircase, indoor or outdoor.



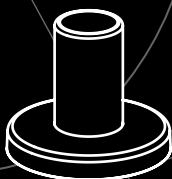
4316

Railtop Ø50 support for F50-100 column (stairs)



4112

Support foot for F50-100 column



4437

Ø16 Profile finish



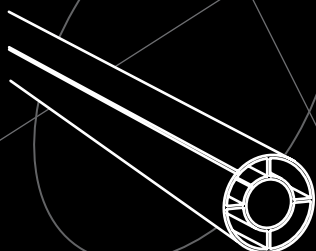
4312

Column F50-100 connector with Ø16 profile



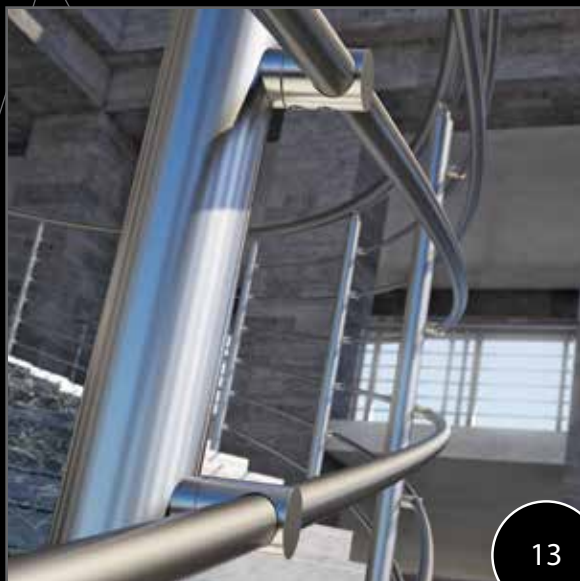
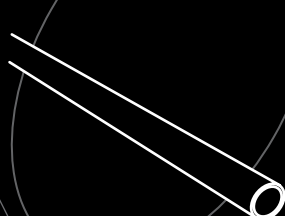
F50-100

Ø42 Support column



F50-300

Ø16x1,3 Profile





models



profiles



accessories



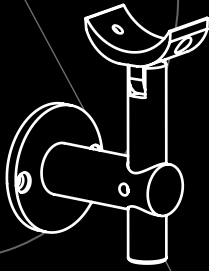
installation regulations

F50 *Accord*

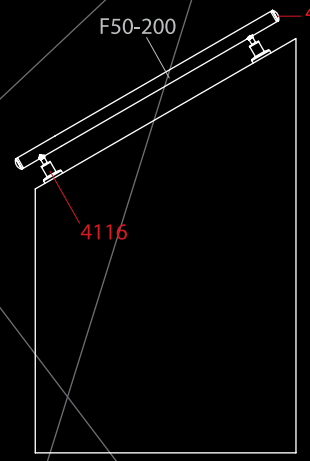


4165

Wall support
for F50-200 railtop



F50-200 4434



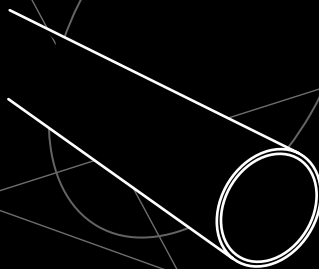
4434

F50-200 Railtop cover



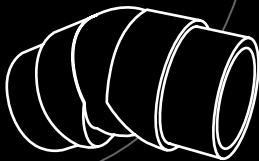
F50-200

Ø50 Railtop



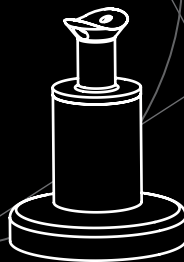
4329

Adjustable corner Ø50 railtop
connector



4116

Support for F50-200 railtop



Alternative ways for railtop wall support.



models



profiles



accessories



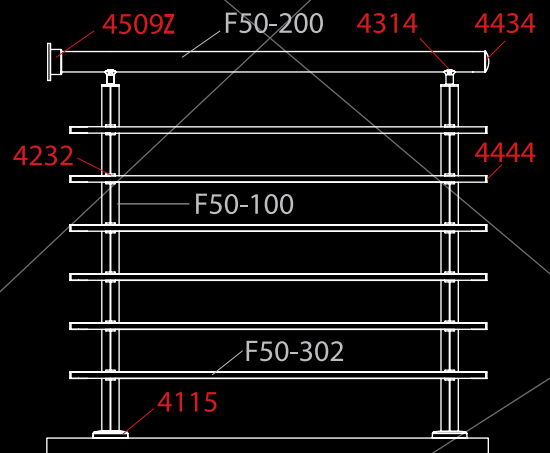
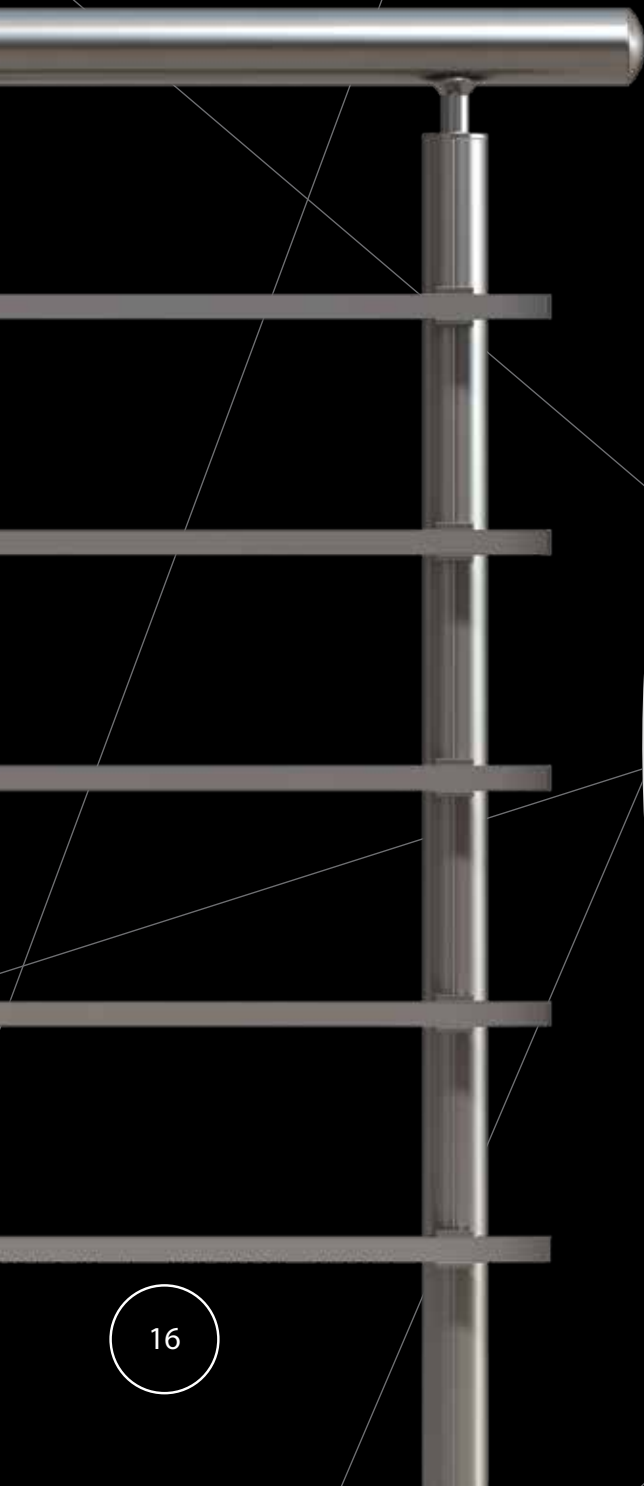
installation regulations

F50 *Accord* QUATTRO

Harmonic assimilation between circle and square.
Tubular and rectangular profile.



Available Finish



4314

*Railtop support with column
(straight)*



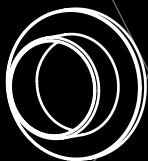
4232

*F50-100 Column connector profile
F50-302 (external support)*



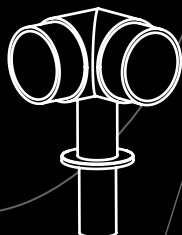
4509Z

*Wall cover for railtop Ø50
with cover*



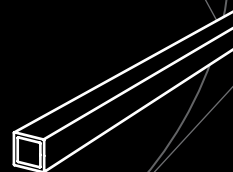
4231

*Ø50 Railtop corner connector 90°
for column F50-100*



F50-302

K16x16x2 Profile



4444

F50-302 (K16x16) Profile cover





models



profiles



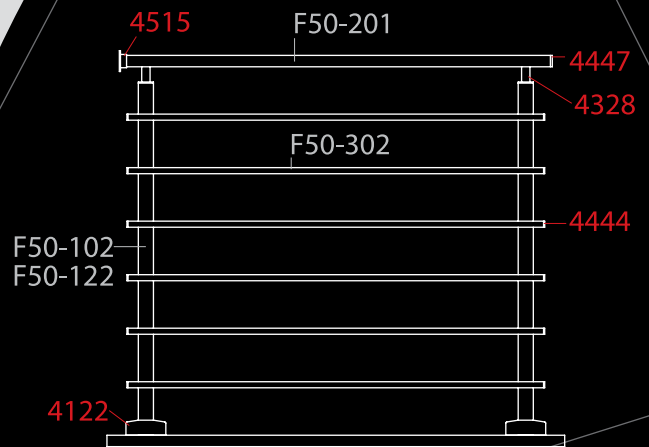
accessories



installation regulations

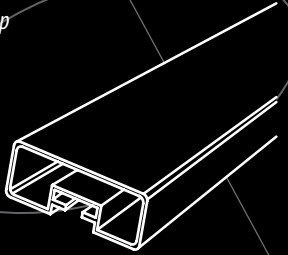
F50 Accord SQUARE

Based on the Accord concept, with square profiles.



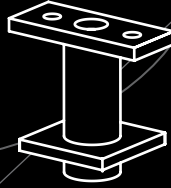
F50-201

30x80 Railtop



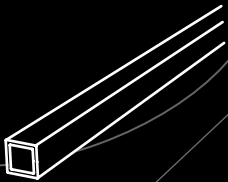
4328

F50-102 Connector
with F50-201



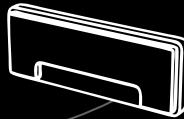
F50-302

K16x16x2 Profile



4447

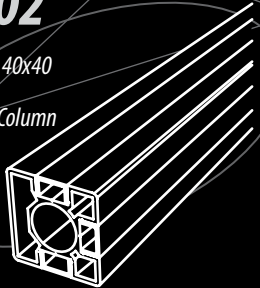
F50-201 Railtop cover



F50-102

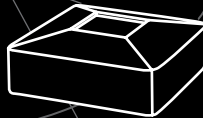
Support column 40x40

F50-122 Column
cover



4122

Support foot for F50-102 column





models



profiles



accessories



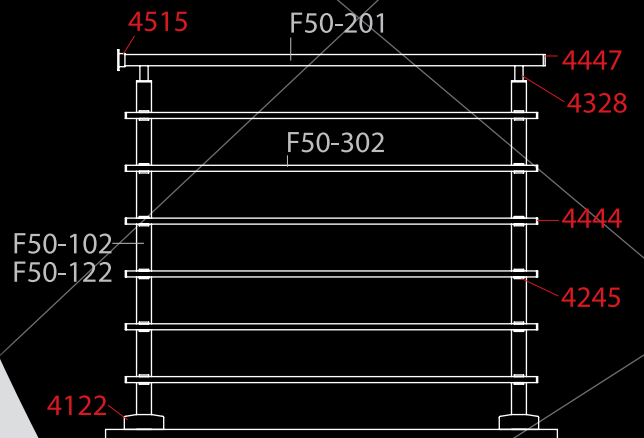
installation regulations

F50 Accord X SQUARE

Cubic notion of Accord Square, with discrete, modern connections.



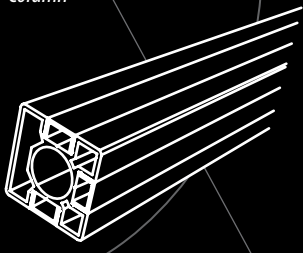
Available Finish



F50-102

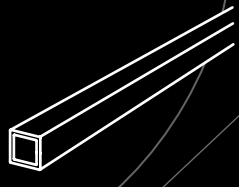
Support column 40x40

F50-122 Column cover



F50-302

K16x16x2 Profile



4245

F50-102 Column connector profile F50-302 (external support)



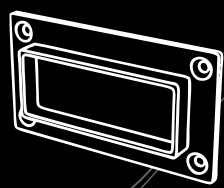
4444

F50-302 (K16x16) Profile cover



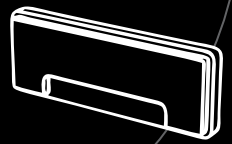
4515

F50-201 Ráiltop wall cover



4447

F50-201 Ráiltop end cover





models



profiles



accessories



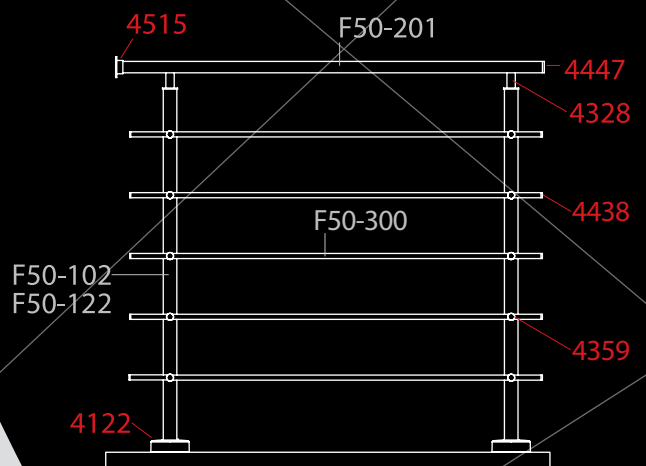
installation regulations

F50 *Accord* SQUARE Q

Perfect combination of square and tube profiles.
Simple lines in absolute accordance.
Combination square columns and railtop with horizontal tubular
profiles Ø16 and Ø26.

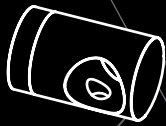


Available Finish



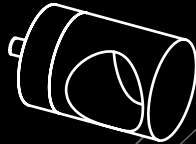
4359

*F50-102 Column connector with
Ø16 profile*



4358

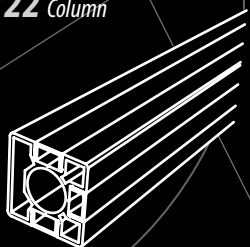
*F50-102 Column connector with
Ø26 profile*



F50-102

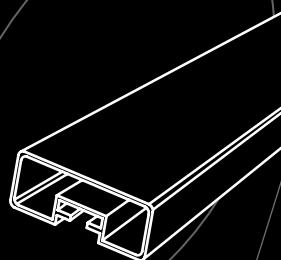
Support column 40x40

F50-122 Column
cover



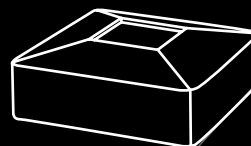
F50-201

30x80 Railtop



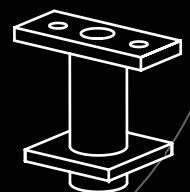
4122

F50-102 Column support foot



4328

F50-102 Connector with F50-201





models



profiles



accessories



installation regulations

F50 *Accord* TUBULAR

Perfect combination of square and tube profiles.
Simple lines in absolute accordance.

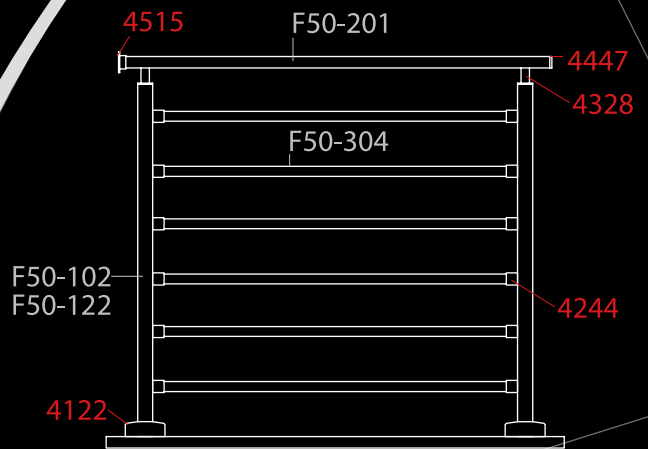
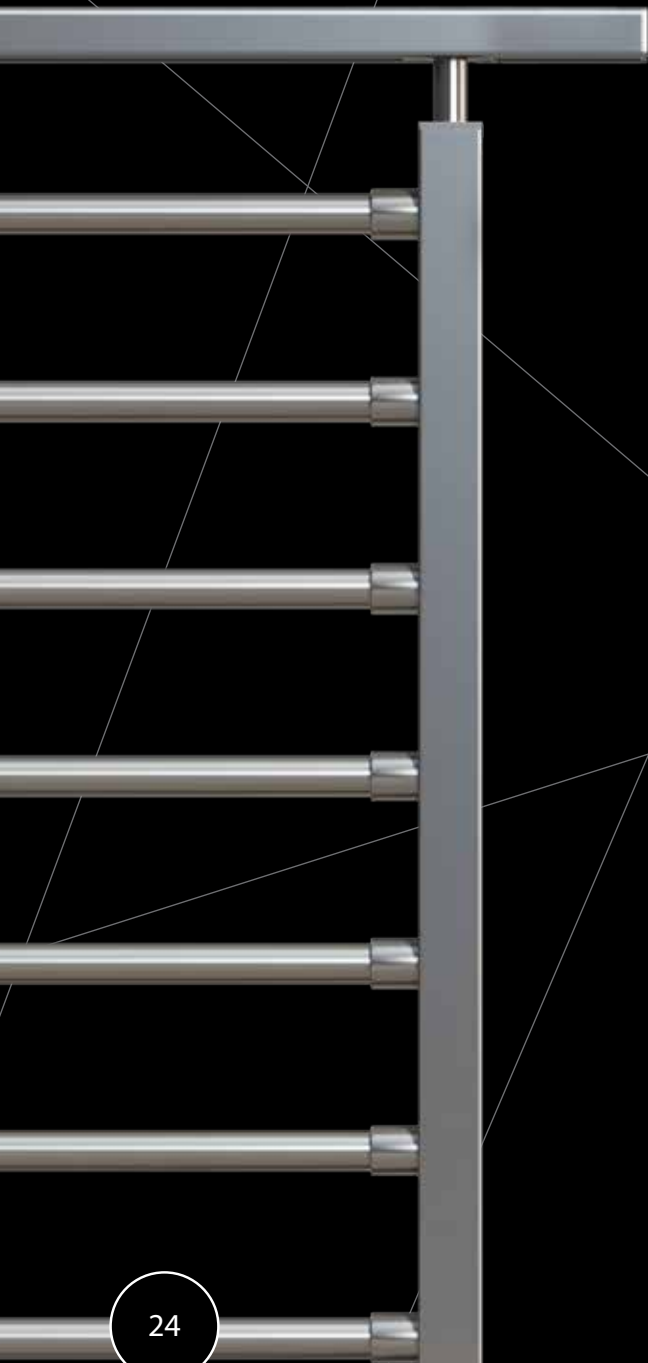


INOX



209 Colors

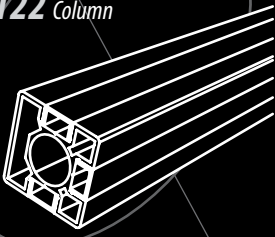
Available Finish



F50-102

Support column 40x40

F50-122 Column cover



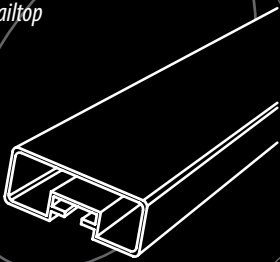
4244

Column connector to profile Ø26
(internal connection)



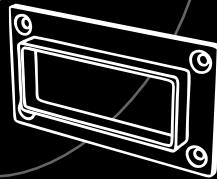
F50-201

30x80 Railtop



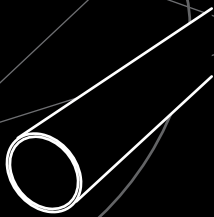
4515

F50-201 Railtop wall cover



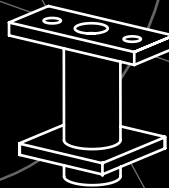
F50-304

Ø26 Profile



4328

F50-102 Connector with F50-201





models



profiles

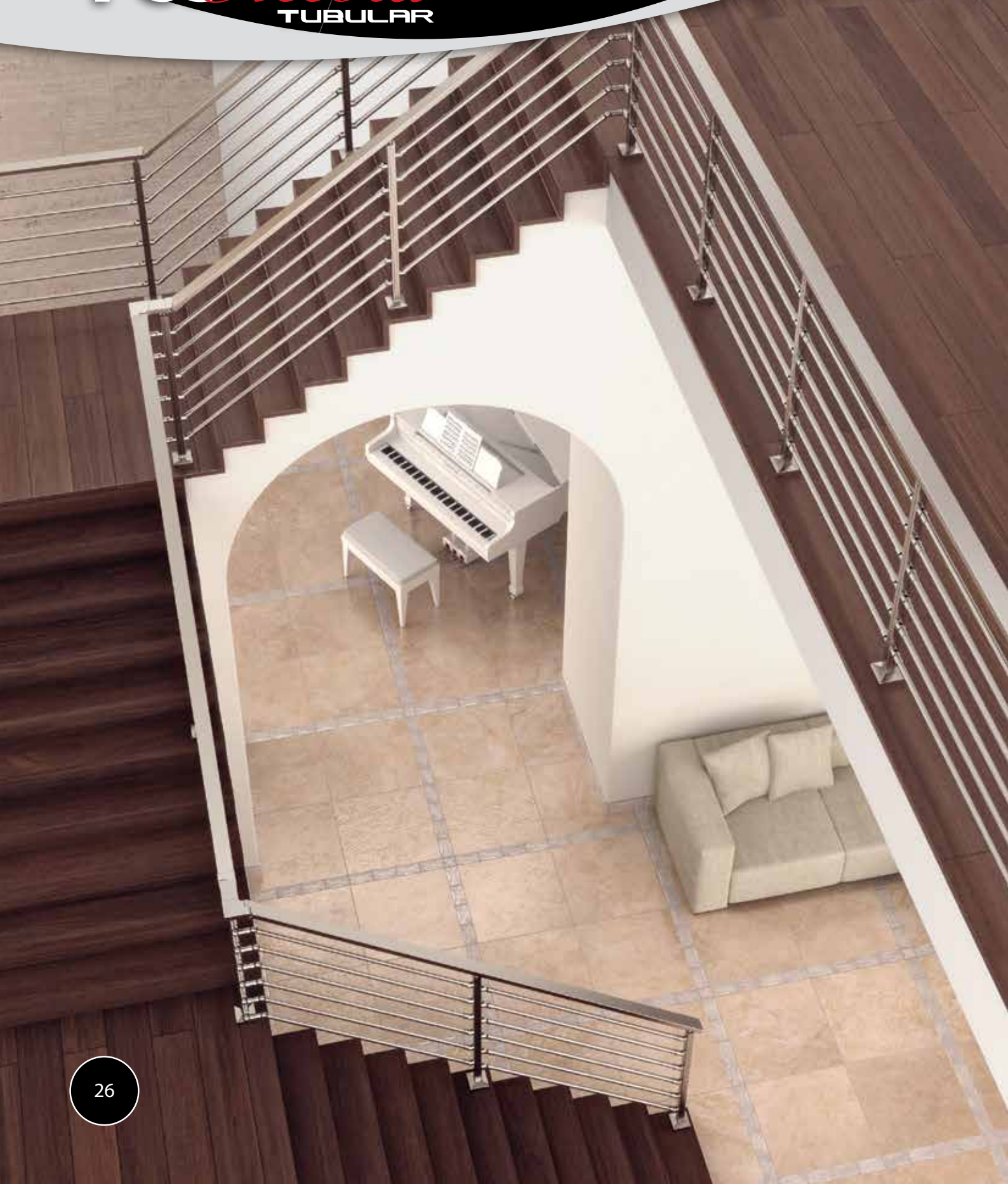


accessories



installation regulations

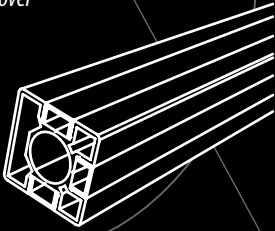
F50 *Accord* TUBULAR



F50-102

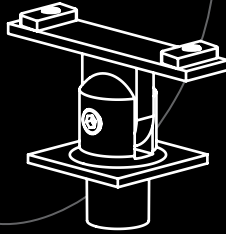
Support column 40x40

F50-122 Column cover



4345

Railtop 80x30 & column F50-102 support



F50-201

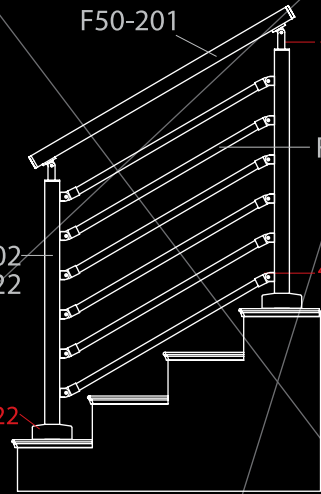
F50-304

F50-102
F50-122

4122

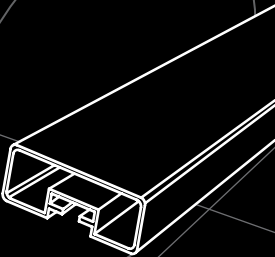
4349

4345



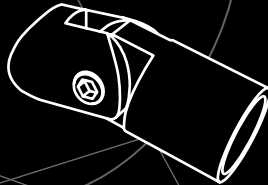
F50-201

30x80 Railtop



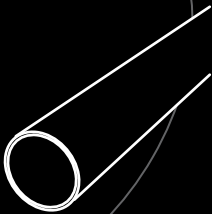
4349

Column 40x40 joint for Ø26 profile



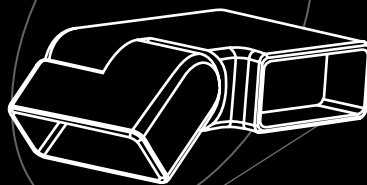
F50-304

Ø26 Profile



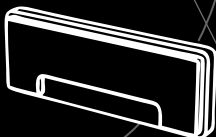
4347

Adjustable corner connector for railtop 80x30



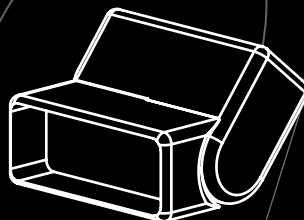
4447

F50-201 Railtop end cover



4346

Adjustable corner connector for railtop 80x30





models



profiles



accessories



installation regulations

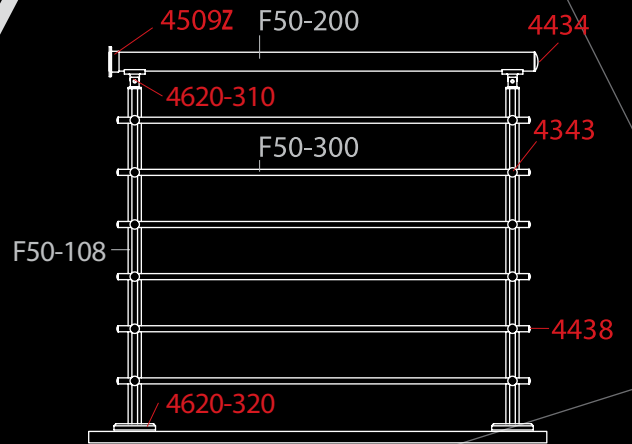
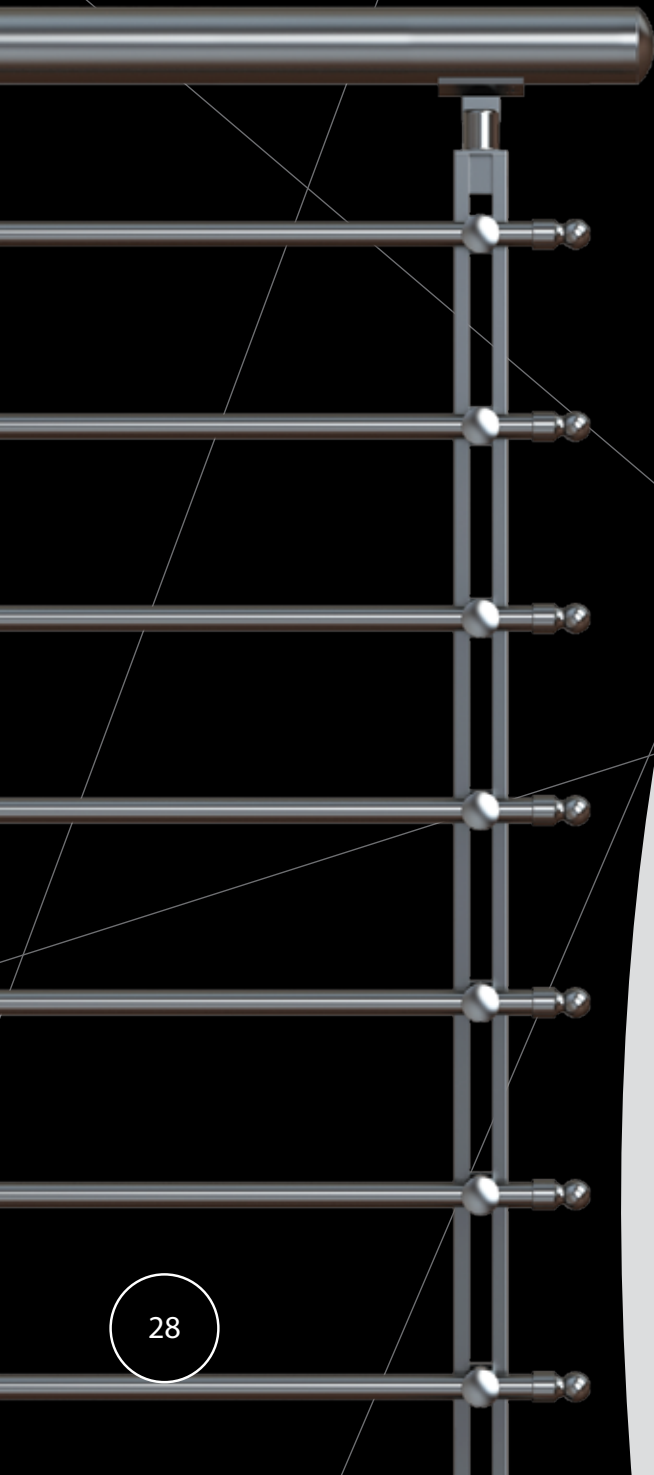
F50 *Accord* BLADE

Parallel lines in a specially designed double column.



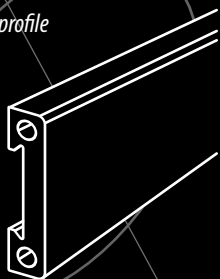
INOX

Available Finish



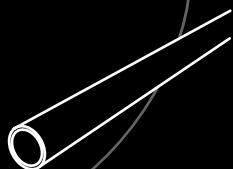
F50-108

Blade column profile



F50-300

Ø16x1,3 Profile



4620-310

F50-200 Railtop support



4437

Ø16 Profile finish



4620-320

F50-108 Support foot



4343

Connector between ready column 4620 and profile Ø16





models



profiles



accessories



installation regulations



F50 Horizon

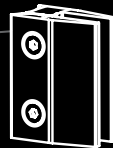


Available Finish

Delicate, ethereal and subtle.
Relax at the magnificent view of the horizon. Let your imagination free and unobstructed.

4168

Glass support 8-10mm



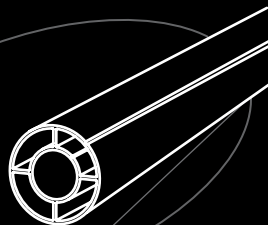
4314

Railtop support with column (straight)



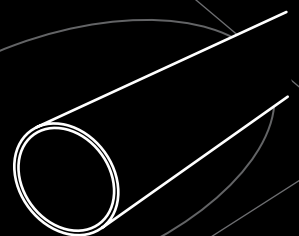
F50-100

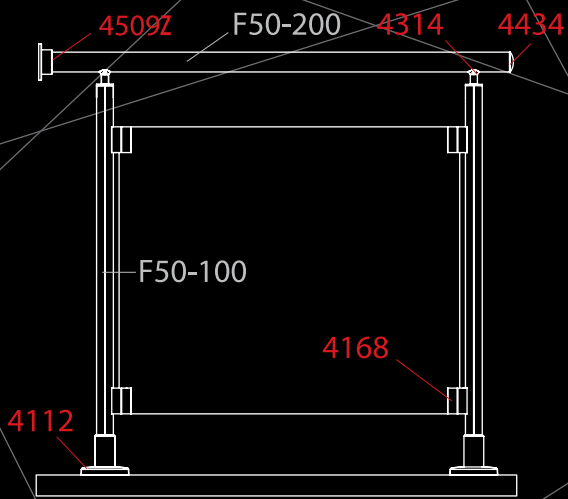
Ø42 Support column



F50-200

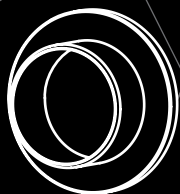
Ø50 Railtop





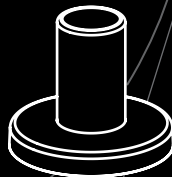
4509Z

Wall cover for railtop Ø50
with cover



4112

Support foot for F50-100 column





models



profiles



accessories



installation regulations



F50 Horizon X-Rail

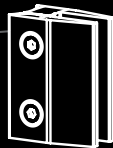


Available Finish

Classy luxury. Beautifully crafted rosace mounting, targeting towards the horizon.
A real ornament.

4168

Glass support 8-10mm



4314

Railtop support with column (straight)



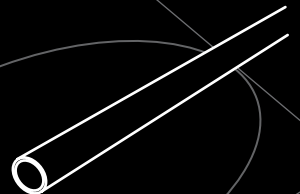
4323

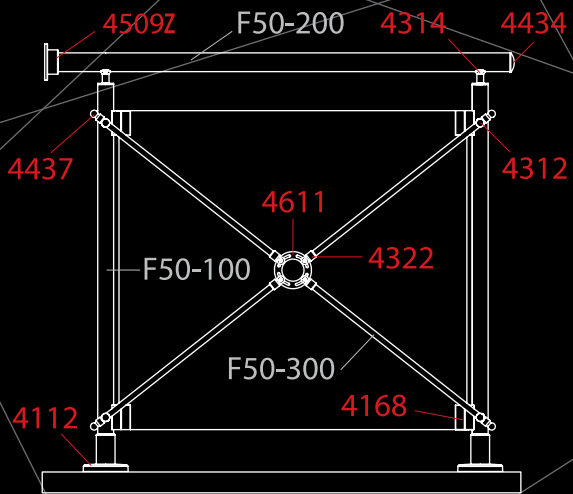
*Adjustable corner horizontal connector
profile Ø16 & column F50-100*



F50-300

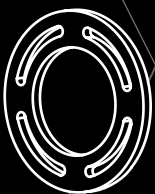
Ø16x1,3 Profile





4611

Ø100 Glass rosette



4322

Glass rosette connector with Ø16 profile





models



profiles



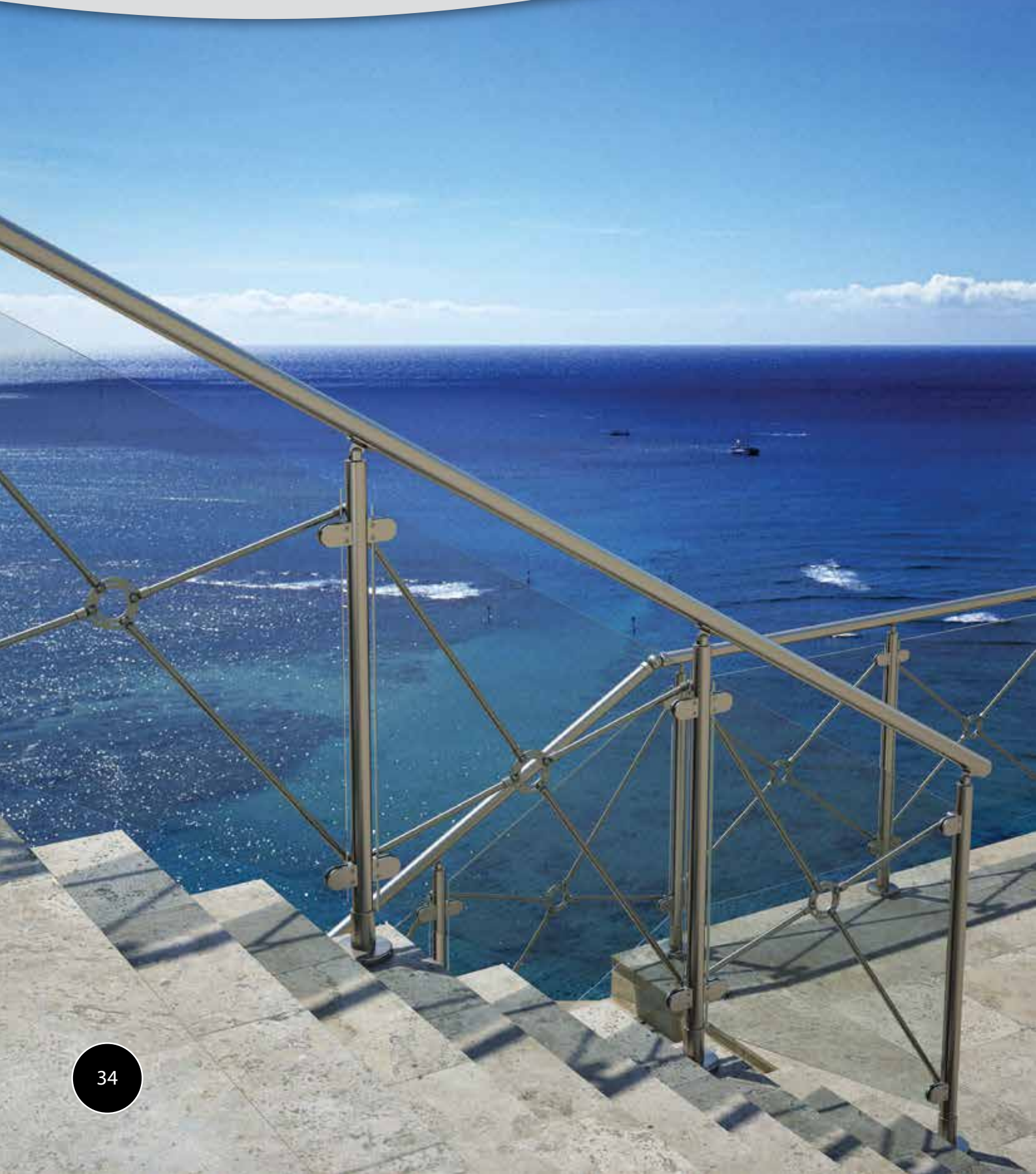
accessories



installation regulations

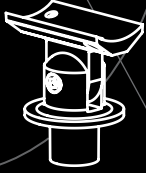
F50 Horizon

X-Rail



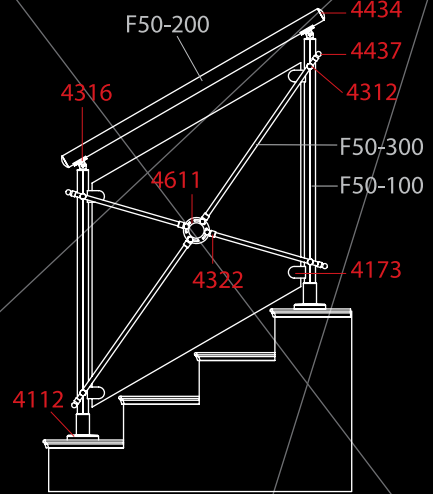
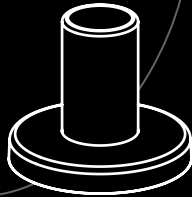
4316

Railtop Ø50 support
for F50-100 column (stairs)



4112

Support foot
for F50-100 column



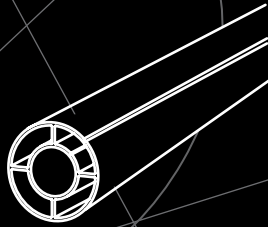
4312

Column F50-100 connector
with Ø16 profile



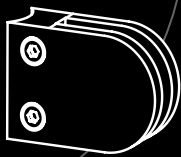
F50-100

Ø42 Support column



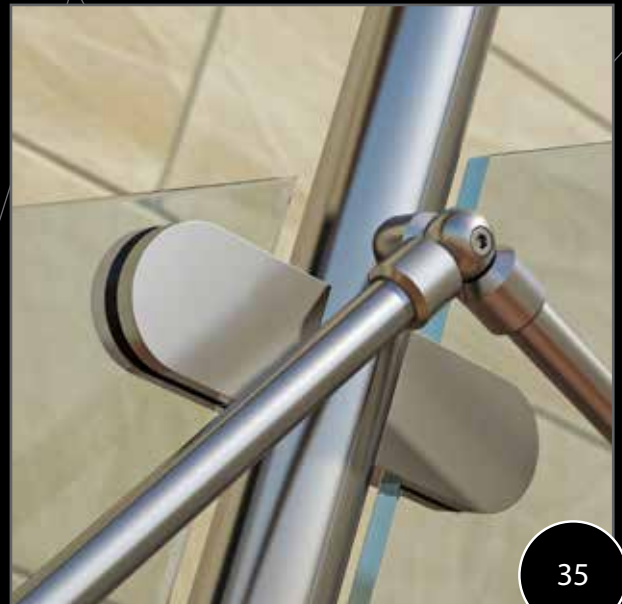
4173

Glass support 8-10mm



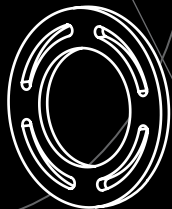
4329

Adjustable corner Ø50
railtop connector



4611

Ø100 Glass rosette



4167

In floor support
for column
F50-100 & F50-101





models



profiles



accessories



installation regulations

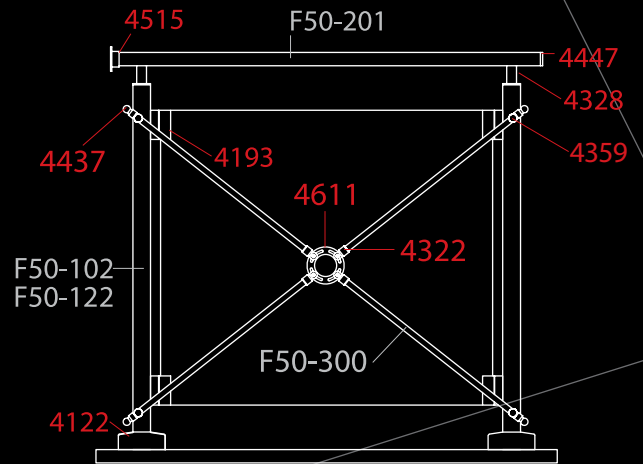
F50 Horizon

Square X-Rail

The base system Horizon X-Rail in conjunction with square blocks.
The harmony of austere lines and unique view on the terrace.



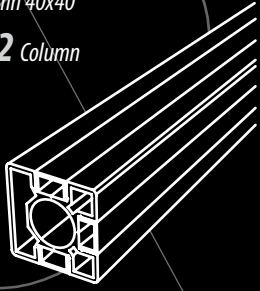
Available Finish



F50-102

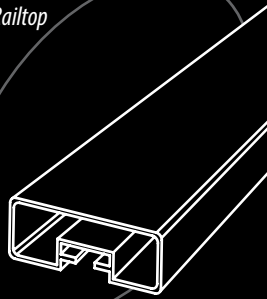
Support column 40x40

F50-122 Column cover



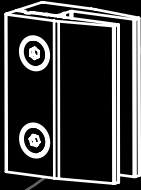
F50-201

30x80 Railtop



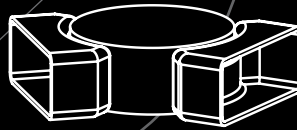
4193

Glass support 8-10mm for F50-102 column



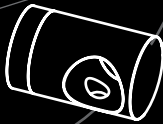
4332

Adjustable corner F50-201 railtop connector



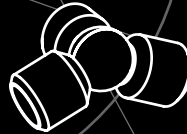
4359

F50-102 Column connector with Ø16 profile



4360

Adjustable corner horizontal connector profile Ø16 & column F50-102





models



profiles



accessories



installation regulations



F50 Horizon Quattro

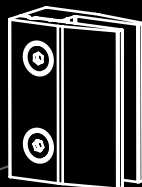


Available Finish

A different version of the main design, with square profiles.
Limitless view and modern design.

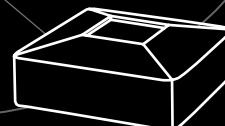
4193

*Glass support 8-10mm
for F50-102 column*



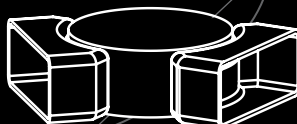
4122

*Support foot for F50-102, F50-106
columns*



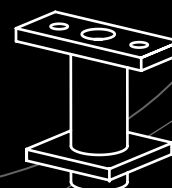
4332

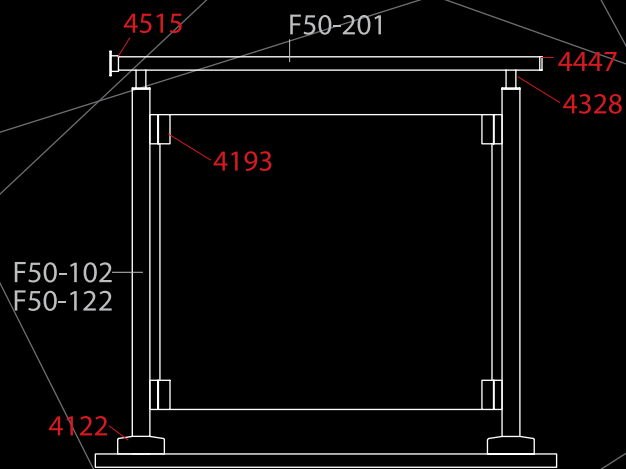
*Adjustable corner F50-201 railtop
connector*



4328

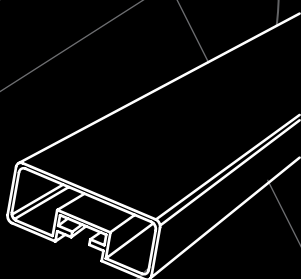
*F50-102 Connector
with F50-201*





F50-201

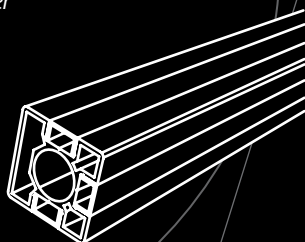
30x80 Railtop



F50-102

Support column 40x40

F50-122 Column cover





models



profiles



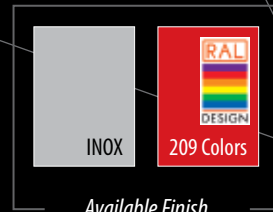
accessories



installation regulations

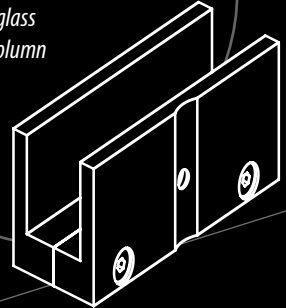
F50 Horizon Max

Combination round column with double glass support that make it an airy ensemble. Even more views. Ability to support glass more than one meter.



4195

Double glass support for
19-22mm glass
with Ø42 column



F50-103

Ø42 Column

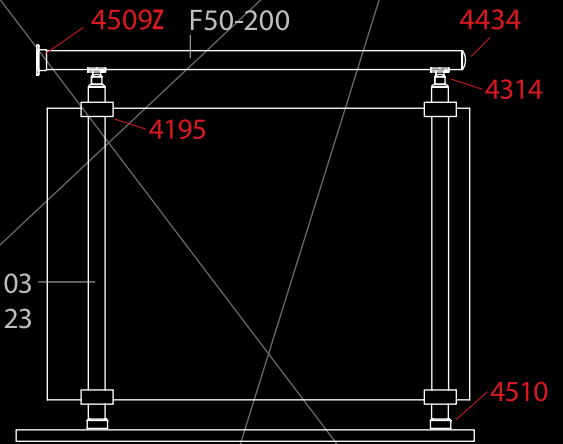
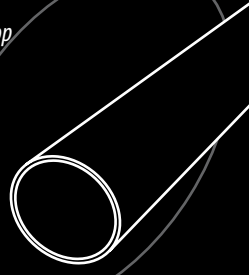
F50-123

Column cover



F50-200

Ø50 Railtop



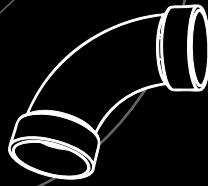
4316

Ø50 Railtop support with Ø42 column



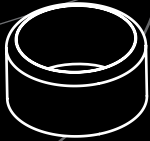
4219

Ø50 Railtop corner connector 90°



4510

Ø42 Column cover



4167

F50-103 Column in floor support foot





models



profiles



accessories



installation regulations

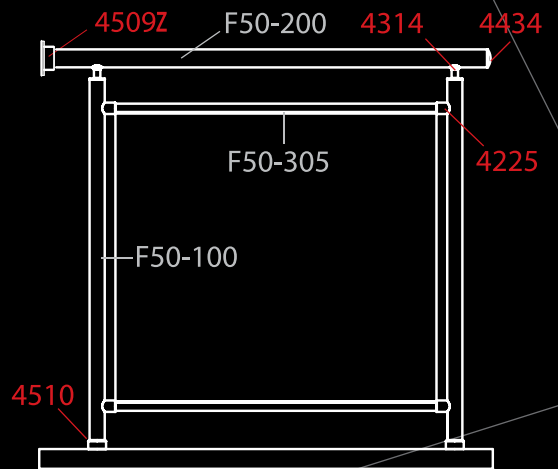
F50 Horizon

U-Rail

Absolute symmetry. Fine line harmony creates a wonderful frame for your own balcony view.

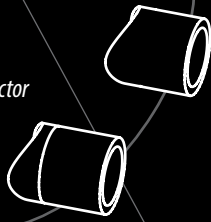


Available Finish



4225

F50-100 Column connector
with Ø26 profile (internal support)



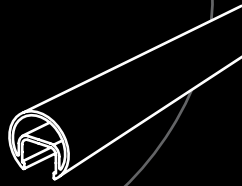
4252

Dividable connector



F50-305

Rail for glass



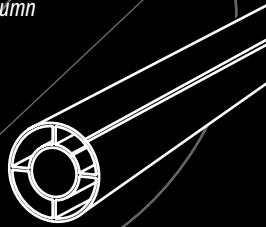
4314

Railtop support with column (straight)



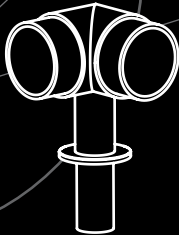
F50-100

Ø42 Column



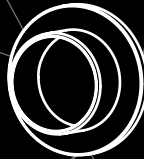
4231

Ø50 Railtop corner
connector 90°
for column F50-100



4509Z

Wall cover for railtop
Ø50 with cover





models



profiles



accessories



installation regulations

F50 Horizon

U-Rail



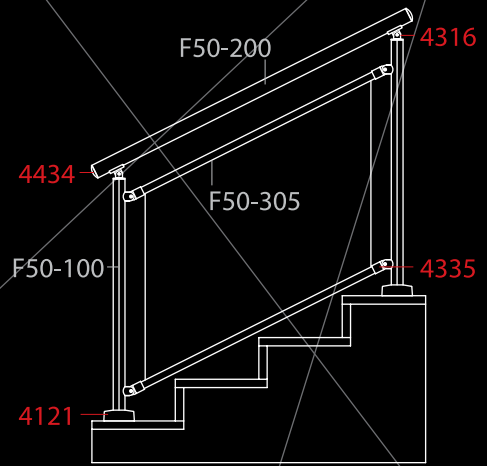
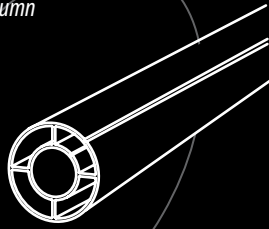
F50-305

Rail for glass



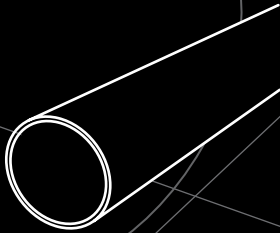
F50-100

Ø42 Column



F50-200

Ø50 Railtop



4335

Junction between column
F50-100 and profile Ø26



4316

Railtop Ø50 support
for F50-100 column (stairs)



4121

Support foot for F50-100 column



4225

F50-100 Column connector
with Ø26 profile (internal support)



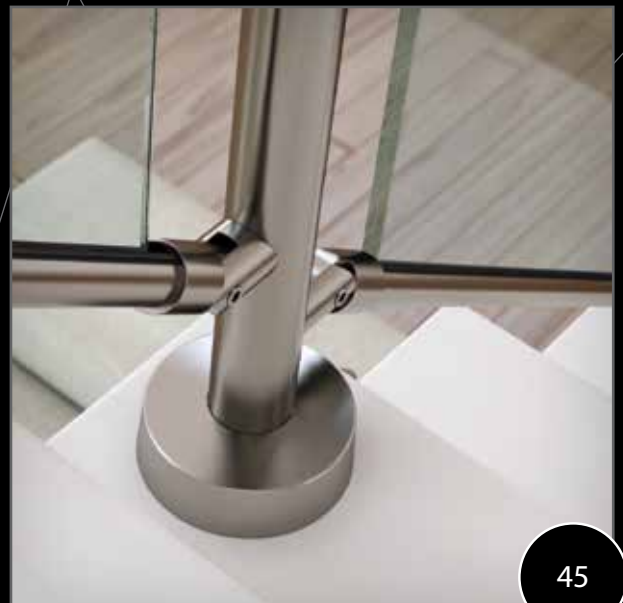
4434

F50-200 Railtop end cover



4252

Dividable connector





models



profiles



accessories



installation regulations



F50 Horizon H-Rings



INOX

Available Finish

Hanging transparencies and concentric rings, offer an aesthesis of absolute symmetry. This is Horizon H-rings technology.

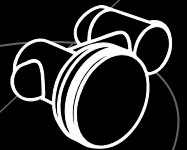
4179

*F50-200 Railtop support
for F50-101 column*



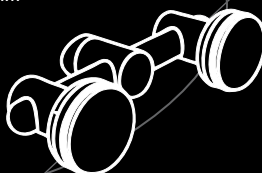
4181

Single glass support 8-10mm



4182

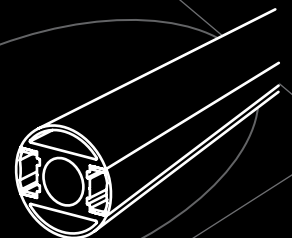
Double glass support 8-10mm

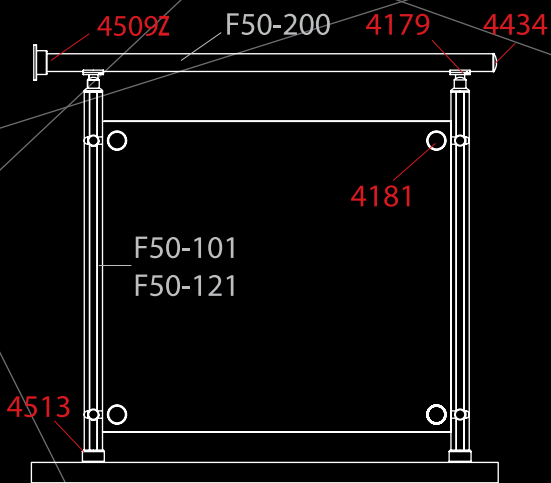


F50-101

Ø50 Column

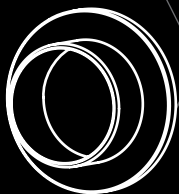
F50-121
Column cover





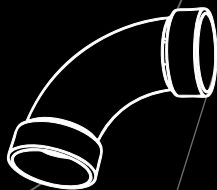
4509Z

Wall cover for railtop Ø50
with cover



4219

Ø50 Railtop corner connector 90°





models



profiles



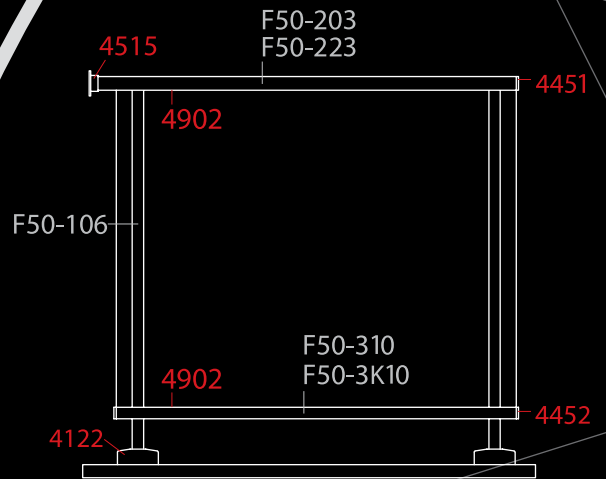
accessories



installation regulations

F50 Horizon Frame

Limitless view and modern design in absolute accordance.

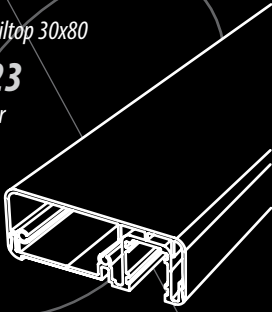


F50-203

Dividable railtop 30x80

F50-223

Railtop cover



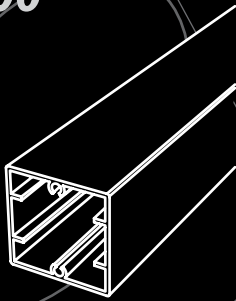
4452

F50-310 Rail cover



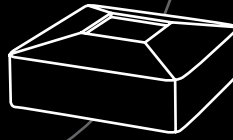
F50-106

40x40 Column



4122

Support foot for F50-102,
F50-106 columns

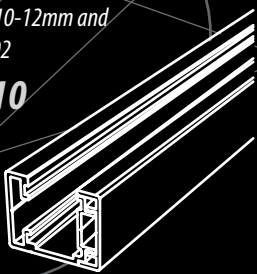


F50-310

Rail for glass 10-12mm and
profile F50-302

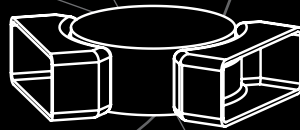
F50-3K10

Rail cover



4332

Adjustable corner F50-201 railtop
connector





models



profiles



accessories



installation regulations

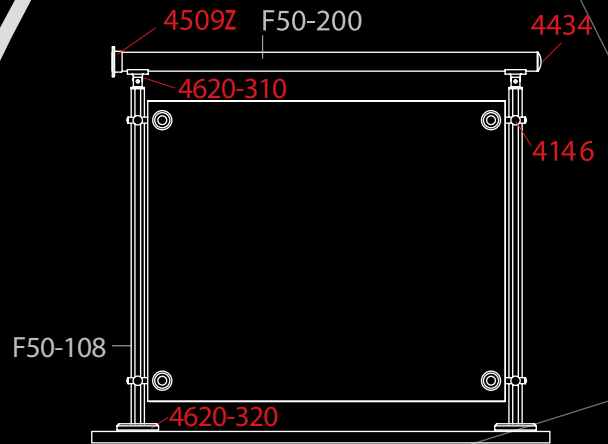
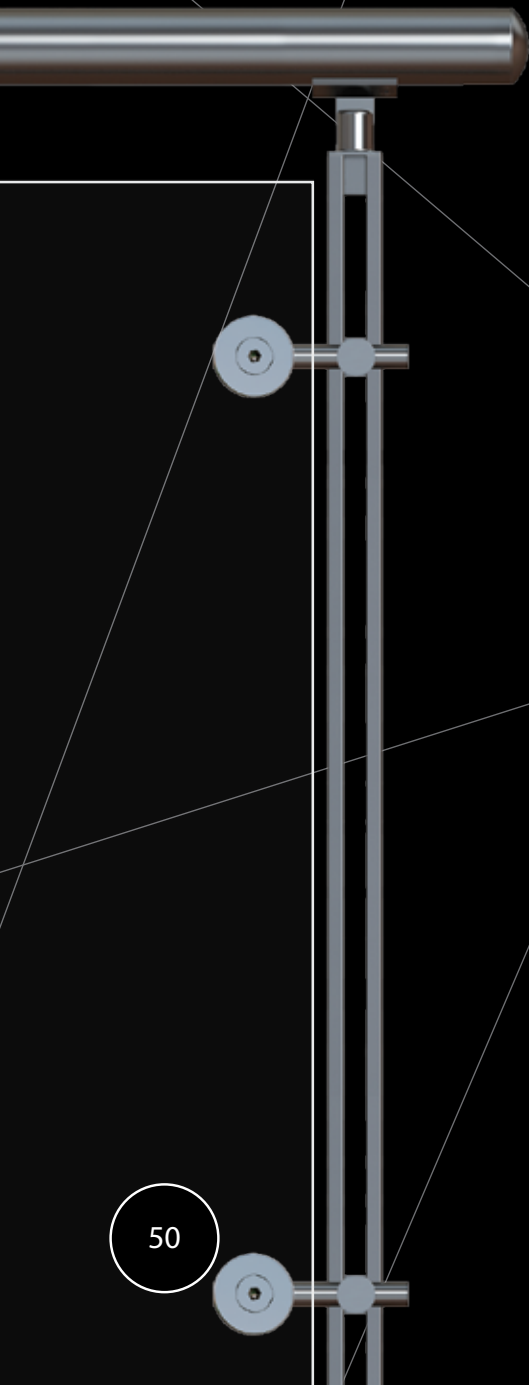
F50 Horizon BLADE

Combination of specially designed double column with glass supports for a delicate result.



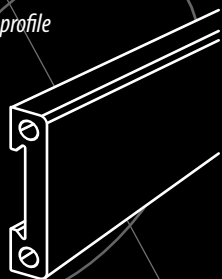
INOX

Available Finish



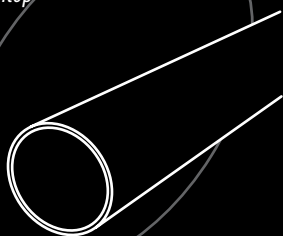
F50-108

Blade column profile



F50-200

Ø50 Railtop



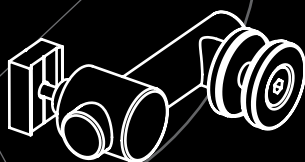
4620-310

F50-200 Railtop support



4146

Single glass support 8-10mm for ready-made column 4620



4620-320

F50-108 Column support foot



4147

Double glass support 8-10mm for ready-made column 4620





models



profiles



accessories



installation regulations

F50 Vertical

Where the modern meets the classic.
Simply enjoy the dynamic combination!



4312

Column F50-100 connector
with Ø16 profile



F50-300

Ø16x1,3 Profile





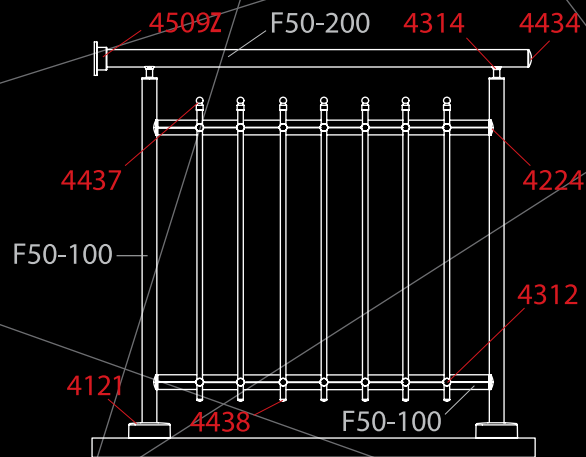
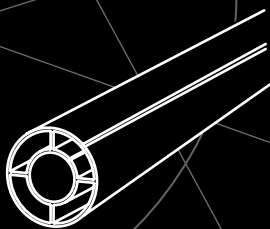
4224

F50-100 Column connector
(vertical connection)



F50-100

Ø42 Column





models



profiles



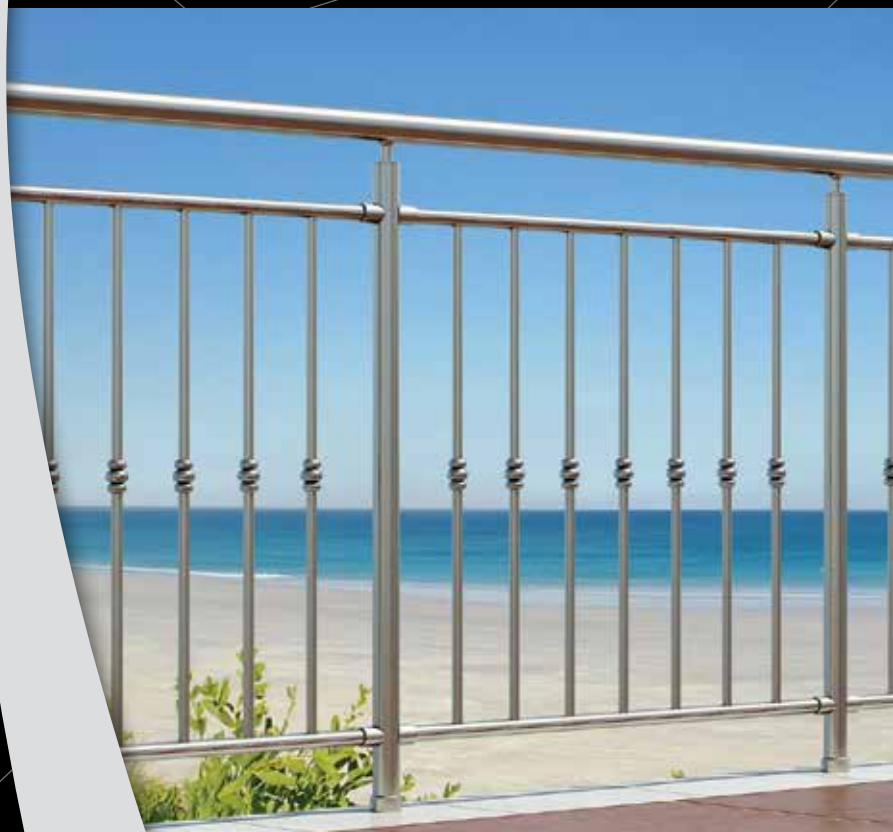
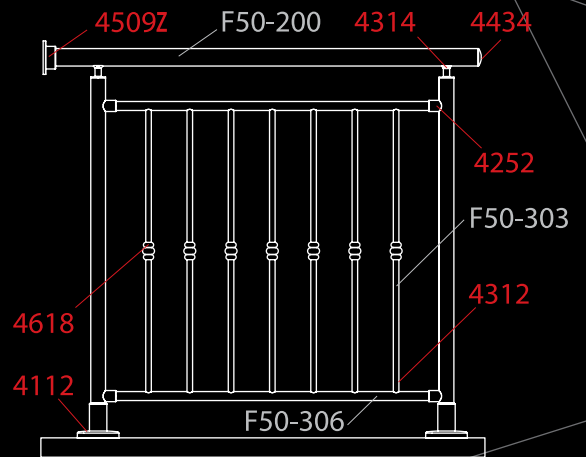
accessories



installation regulations

F50 Vertical-R

One more alternative solution for the lovers of classic designs.
Delicate luxury in fine lines.



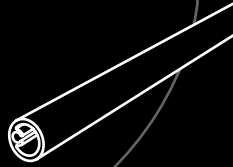
4314

Railtop support with column (straight)



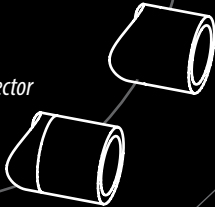
F50-303

Ø16 Profile "C" shape rod



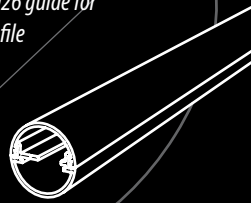
4225

F50-100 Column connector with Ø26 profile (internal support)



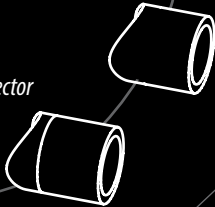
F50-306

Perforated Ø26 guide for F50-303 profile



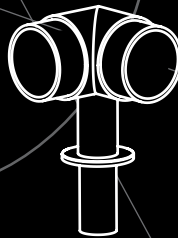
4252

Dividable connector



4231

Ø50 Railtop corner connector 90° for column F50-100



4618

Rosette for Ø16 profile





models



profiles



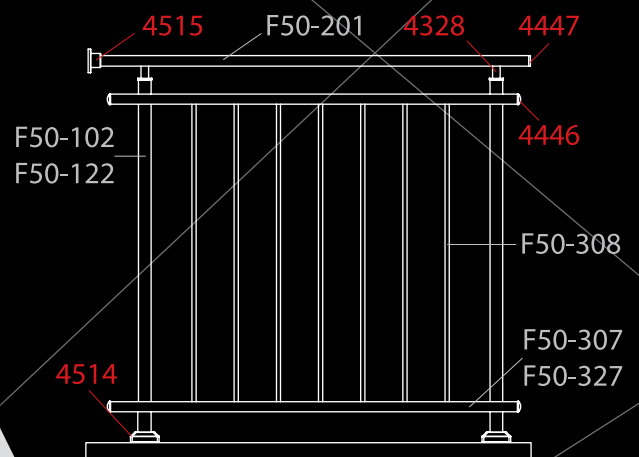
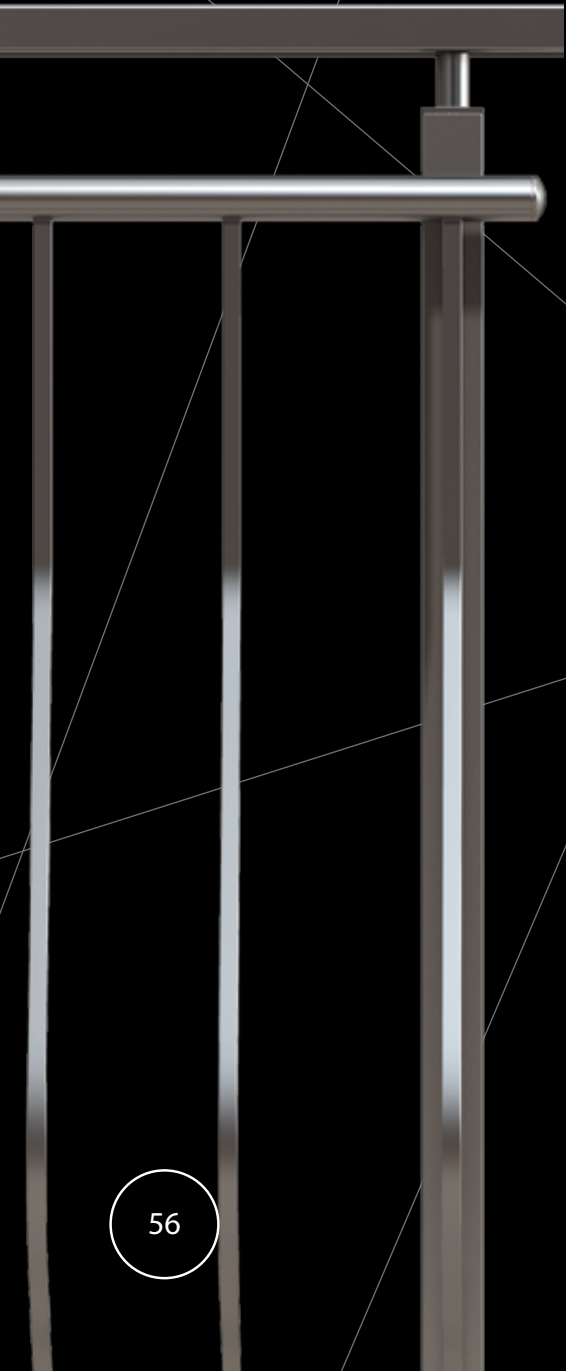
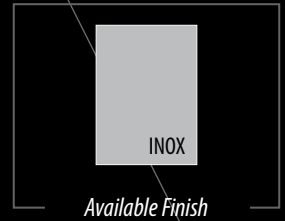
accessories



installation regulations

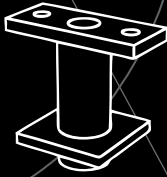
F50 Vertical-D

Here's how beautiful and smart traditional railing solutions can satisfy today's needs.



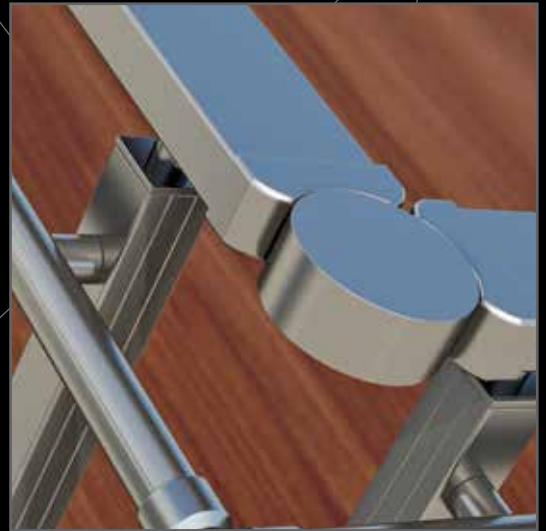
4328

F50-102 Connector with F50-201



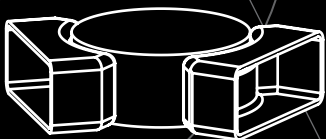
4240

F50-307 Connector with F50-102



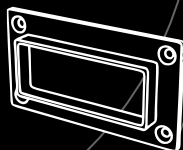
4332

F50-201 Adjustable corner horizontal connector



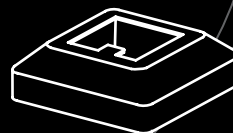
4515

F50-201 Railtop wall cover



4514

F50-102 Column cover



4447

F50-201 Railtop cover





models



profiles



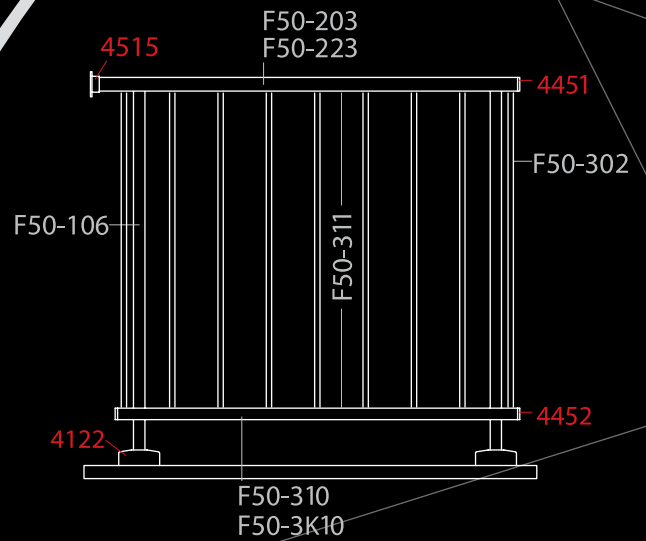
accessories



installation regulations

F50 Vertical-Q

Smart match of traditional and modern.
A classic railing in simple lines.

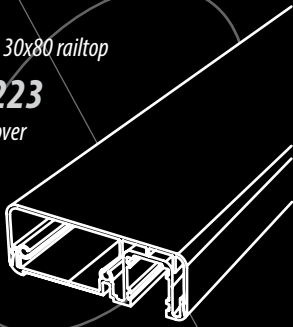


F50-203

Dividable 30x80 railtop

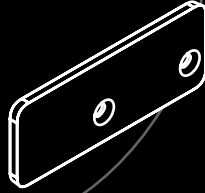
F50-223

Railtop cover



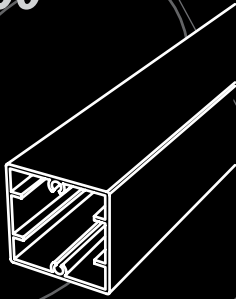
4451

F50-203 Railtop cover



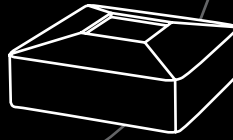
F50-106

40x40 Column



4122

Support foot for F50-102,
F50-106 columns

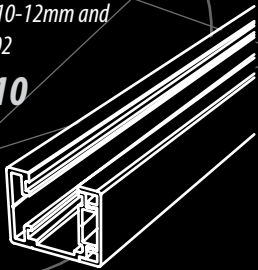


F50-310

Rail for glass 10-12mm and
profile F50-302

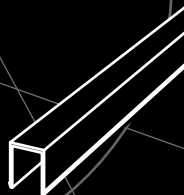
F50-3K10

Rail cover



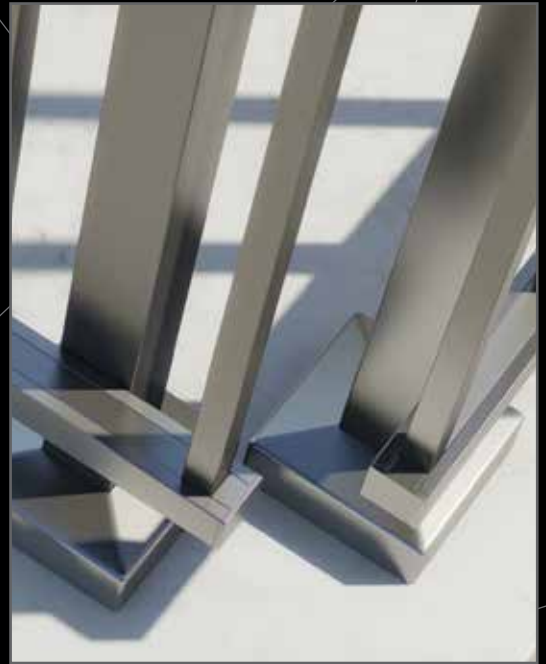
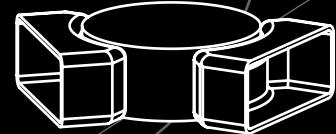
F50-311

Cover for rail F50-310 and
railtop F50-203



4332

F50-201 adjustable corner
horizontal connector





models



profiles



accessories



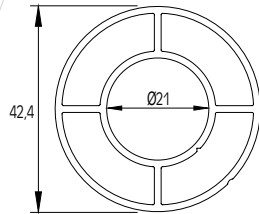
installation regulations



Profiles

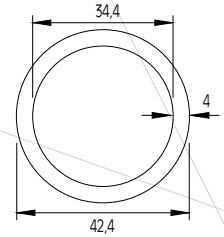
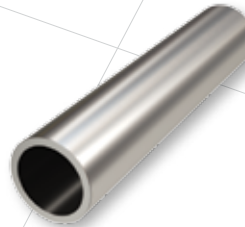
F50-100

Ø42 Support column



F50-104

Column Ø42, 4mm



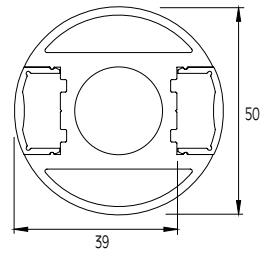
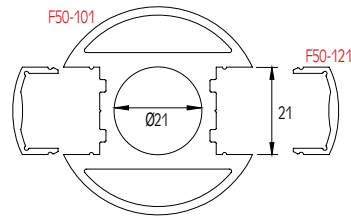
F50-101

Ø50 Support column



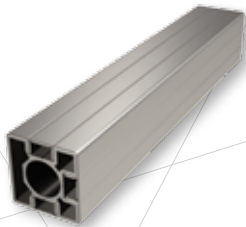
F50-121

Column cover



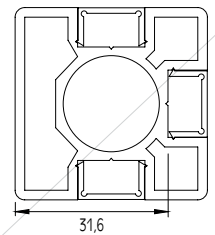
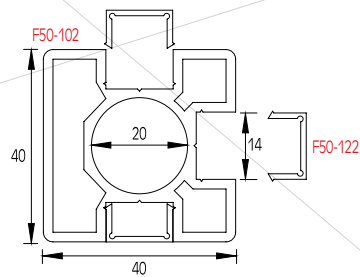
F50-102

40x40 Support column



F50-122

Column cover



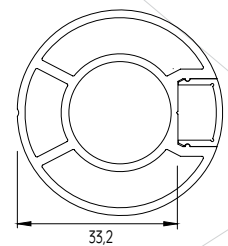
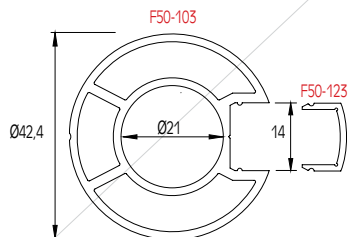
F50-103

Ø42 Support column



F50-123

Column cover

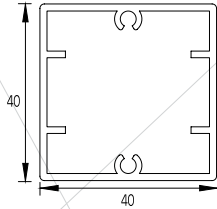




Profiles

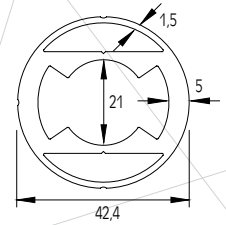
F50-106

40x40 Support column



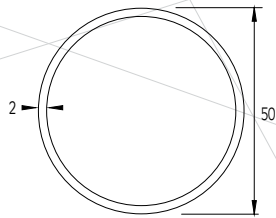
F50-107

Heavy-duty column Ø42



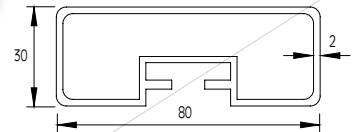
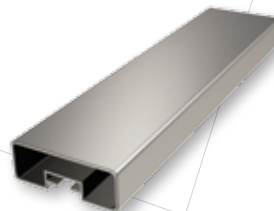
F50-200

Ø42 Railtop



F50-201

30x80 Railtop

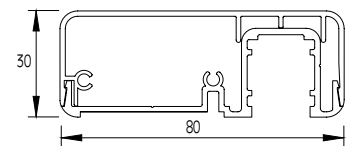
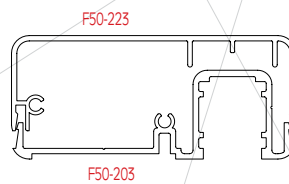
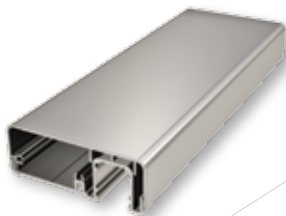


F50-203

Dividable railtop 30x80

F50-223

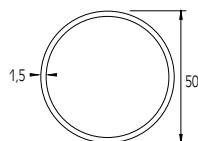
Cover for dividable railtop



F50-205

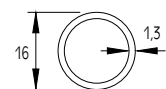
Profile Ø50

NEW



F50-300

Ø16x1,3 Profile





models



profiles



accessories



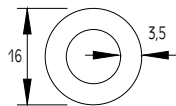
installation regulations



Profiles

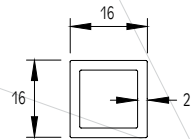
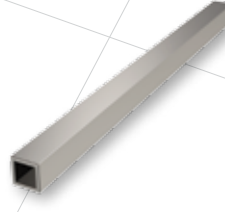
F50-301

Ø16x3,5 Profile



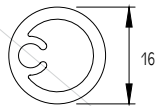
F50-302

K16x16x2 Profile



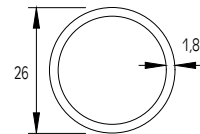
F50-303

Ø16 Profile "C" shape rod



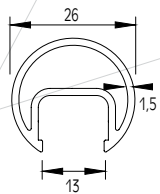
F50-304

Ø26 Profile



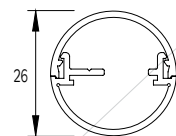
F50-305

Rail for glass



F50-306

Perforated Ø26 guide for F50-303 profile



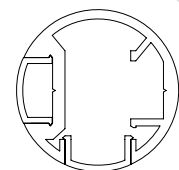
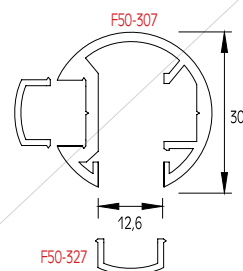
F50-307

Ø30 Rail



F50-327

Rail cover

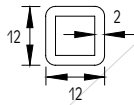




Profiles

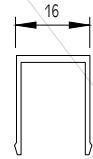
F50-308

K12x12x2 Column



F50-311

Cover for rail F50-310 and railtop F50-203

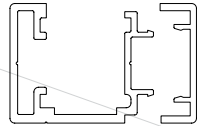
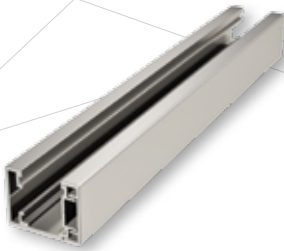


F50-310

Rail for glass 10-12mm and profile F50-302

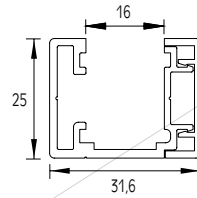
F50-3K10

Rail cover



F50-310

F50-3K10

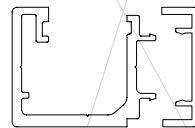


F50-312

Rail for glass 10-12mm and profile F50-302

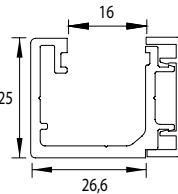
F50-3K10

Rail cover



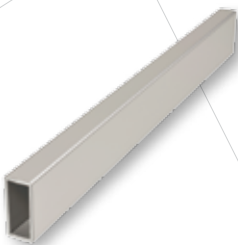
F50-312

F50-3K10



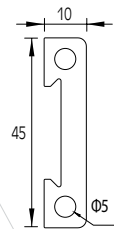
59-009

40x20 Profile



F50-108

Blade column profile





models



profiles



accessories

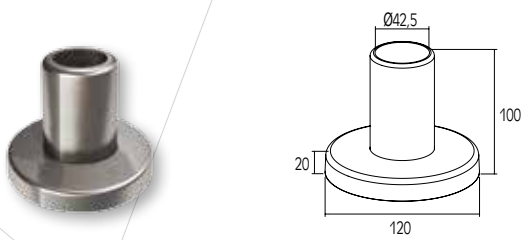


installation regulations



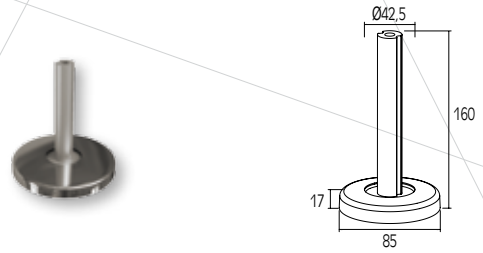
Accessories

4112 External support foot for Ø42 column



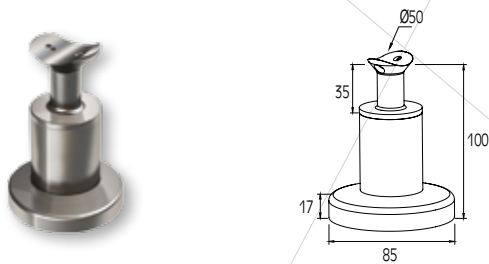
Package: 20 pcs

4115 Support foot for Ø42 column



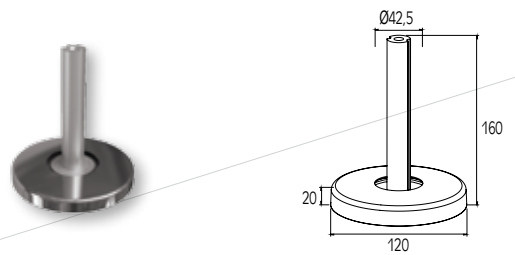
Package: 40 pcs

4116 Support for F50-200 railtop



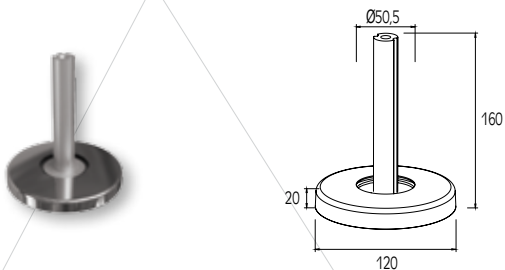
Package: 20 pcs

4117 Support foot for Ø42 column



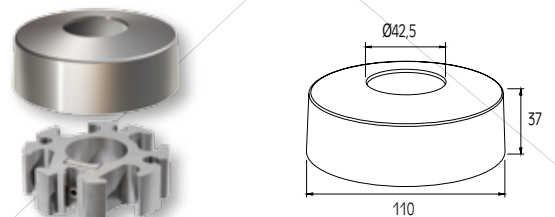
Package: 20 pcs

4119 Support foot for Ø50 column



Package: 20 pcs

4121 Support foot for Ø42 column



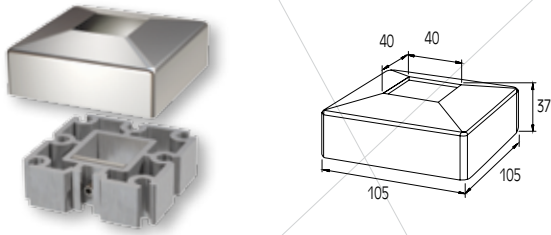
Package: 20 pcs

Package Blister



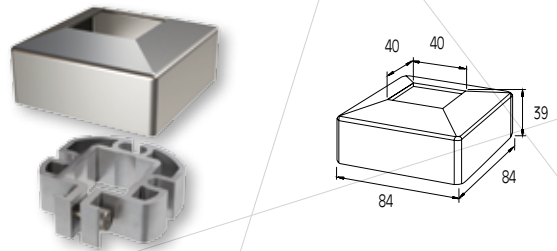
Accessories

4122 Support foot for 40x40 column



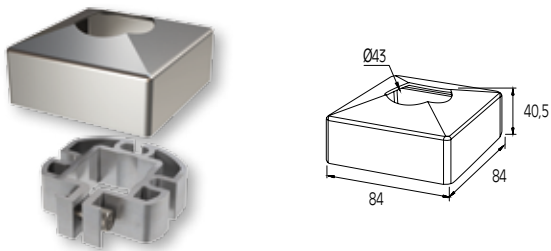
Package: 20 pcs

4124 Support foot for 40x40 column



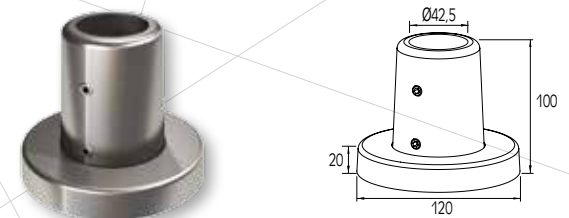
Package: 20 pcs

4126 Support foot for Ø42 column



Package: 20 pcs

4127 Heavy duty support foot for Ø42 column



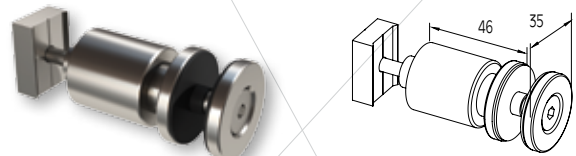
Package: 20 pcs

4137 Glass support 8-10mm for F50-101 column



Package: 10 pcs

4138 Glass support 8-10mm for ready-made column 4620



Package: 10 pcs

Package Blister



models



profiles



accessories

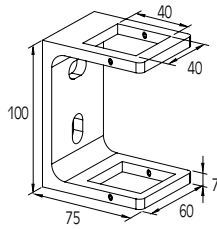
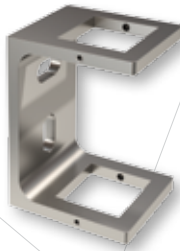


installation regulations



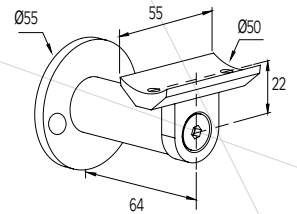
Accessories

4139 External support for 40x40 column



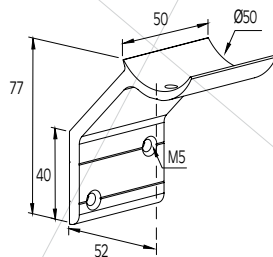
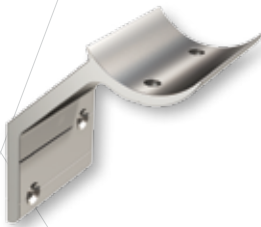
Package: 12 pcs

4140 Wall support for F50-200 railtop



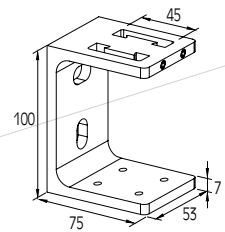
Package: 20 pcs

4141 Fixed wall support for F50-200 railtop



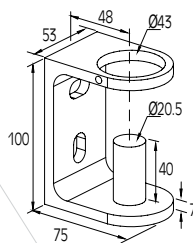
Package: 20 pcs

4142 External support for F50-108 column



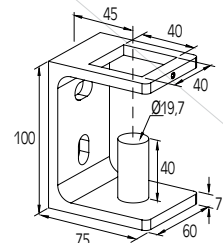
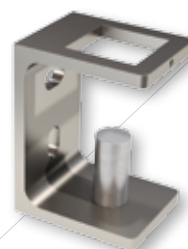
Package: 12 pcs

4143 External support for F50-100/103 columns



Package: 12 pcs

4144 External support for F50-102 column



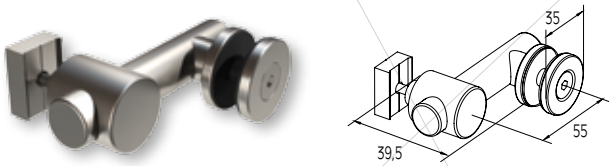
Package: 12 pcs

Package Blister



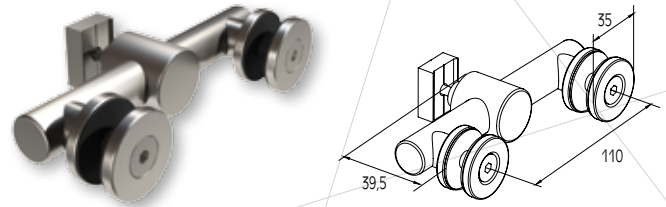
Accessories

4146 Single glass support 8-10mm for 4620 column



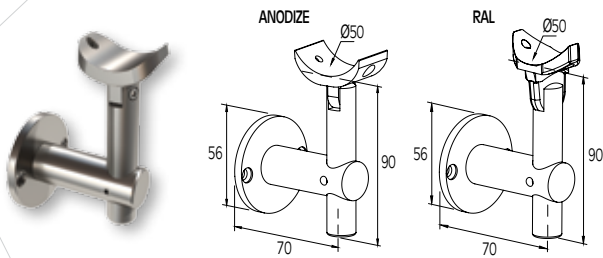
Package: 10 pcs

4147 Double glass support 8-10mm for 4620 column



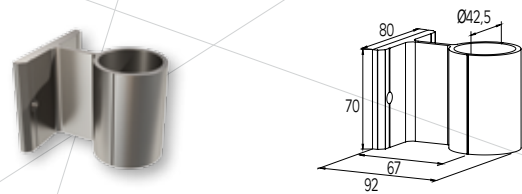
Package: 20 pcs

4165 Wall support for F50-200 railtop



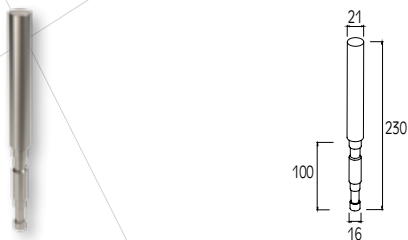
Package: 20 pcs 2 pcs

4166 External support for Ø42 column



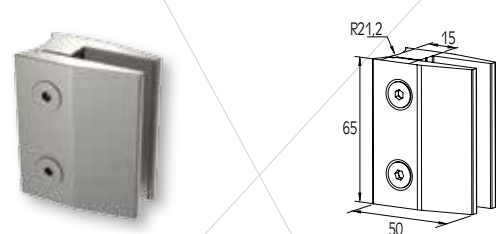
Package: 10 pcs

4167 Infloor support for F50-100/101/103/107 columns



Package: 25 pcs

4168 Glass support 8-10mm



Package: 50 pcs 4 pcs

Package Blister



models



profiles



accessories

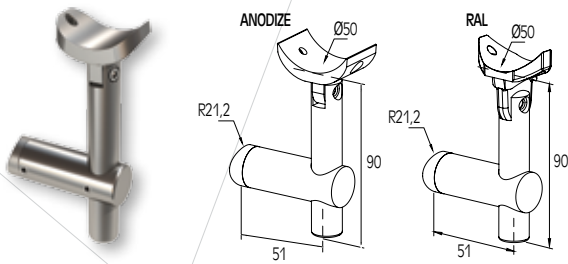


installation regulations



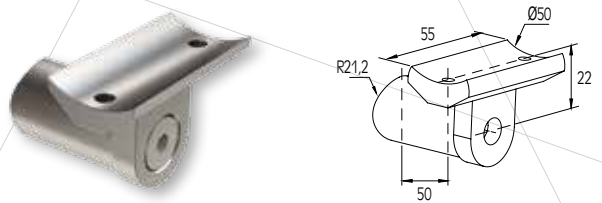
Accessories

4169 Railtop and column support (external)



Package: 10 pcs 4 pcs

4169B Railtop and F50-100 column support (external)



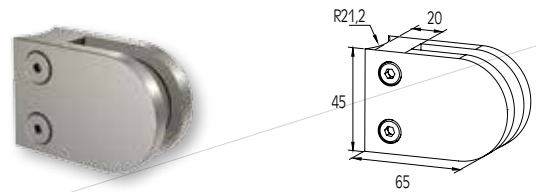
Package: 40 pcs

4172 Glass support 6-8mm for Ø42 column



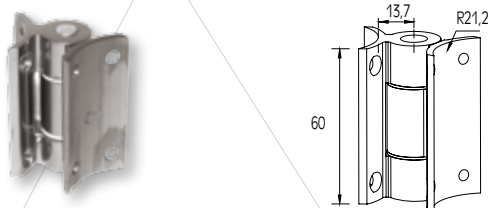
Package: 50 pcs

4173 Glass support 8-10mm for Ø42 column



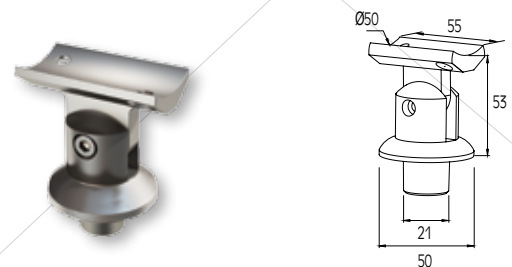
Package: 50 pcs

4177 Hinge for F50-100 column



Package: 10 pcs

4179 Railtop support to F50-101 column



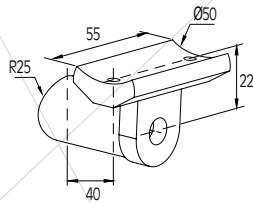
Package: 20 pcs

Package Blister



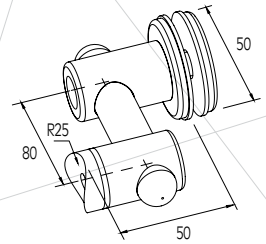
Accessories

4180 Railtop and F50-101 column support (external)



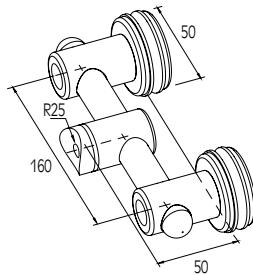
Package: 40 pcs

4181 Single glass support 8-10mm for Ø50 column



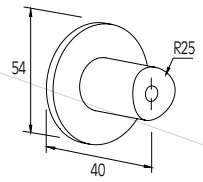
Package: 10 pcs

4182 Double glass support 8-10mm for Ø50 column



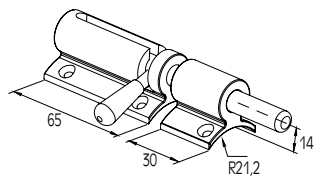
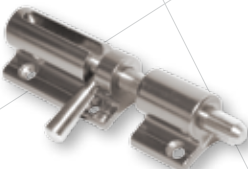
Package: 20 pcs

4184 External support for Ø50 column



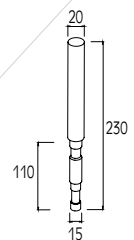
Package: 20 pcs

4186 Bolt for F50-100 column



Package: 10 pcs

4188 Infloor support for F50-102 column



Package: 25 pcs

Package Blister



models



profiles



accessories

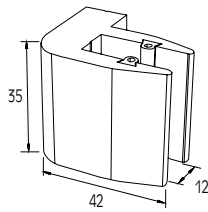


installation regulations



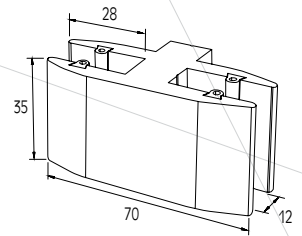
Accessories

4189 Single glass support 8-10mm for F50-102 column



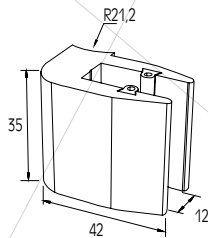
Package: 20 pcs

4190 Double glass support 8-10mm for F50-102 column



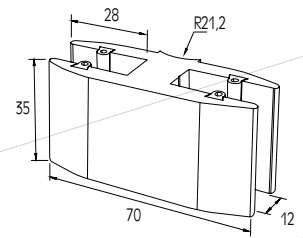
Package: 50 pcs

4191 Single glass support 8-10mm for F50-103 column



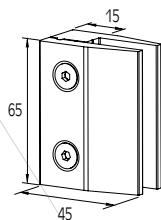
Package: 20 pcs

4192 Double glass support 8-10mm for F50-103 column



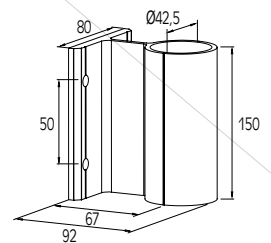
Package: 50 pcs

4193 Single glass support 8-10mm for F50-102/106 columns



Package: 50 pcs

4194 External support for Ø42 column



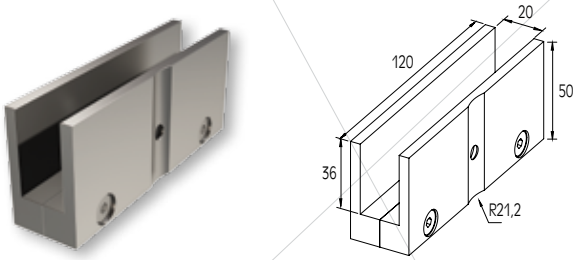
Package: 20 pcs

Package Blister



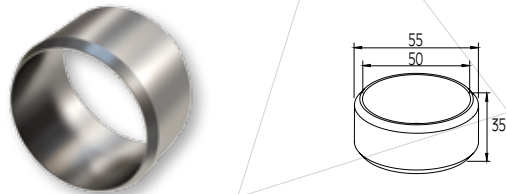
Accessories

4195 Double glass support 19-22mm for Ø42 column

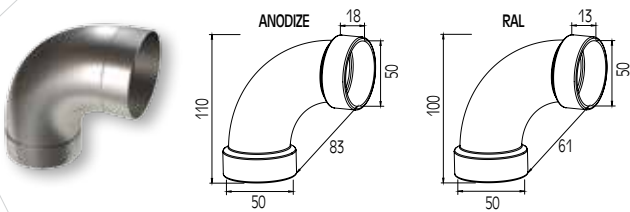


Package: 10 pcs

4218 Ø50 Railtop connector

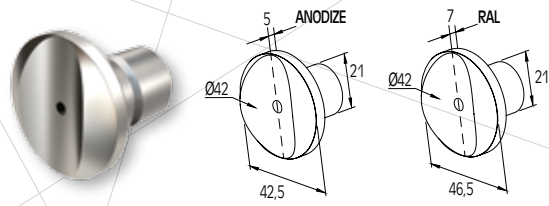


4219 Ø50 Railtop connector 90°



Package: 20 pcs

4224 F50-100 Column connector (vertical connection)



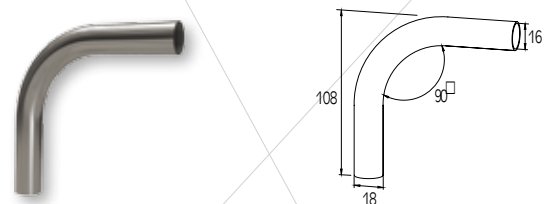
Package: 50 pcs 4 pcs

4225 F50-100 Column to Ø26 connector (internal support)



Package: 50 pcs 4 pcs

4228 Ø16 Profile connector 90°



Package: 40 pcs

Package Blister



models



profiles



accessories

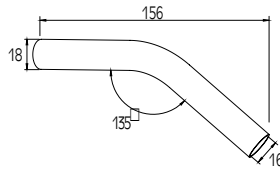


installation regulations



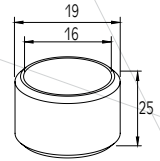
Accessories

4229 Ø16 Profile connector 135°



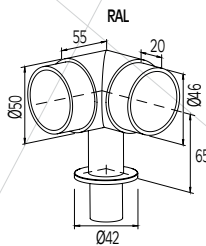
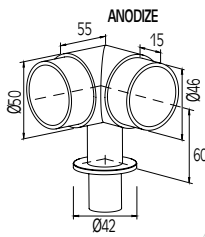
Package: 40 pcs

4230 Ø16 Profile connector straight



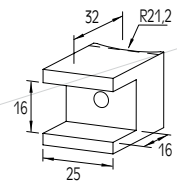
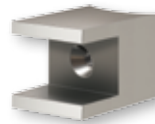
Package: 100 pcs

4231 Ø50 Railtop corner connector to Ø42 column, 90°



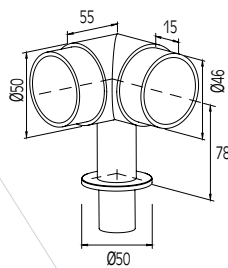
Package: 15 pcs 5 pcs

4232 F50-100 Column connector to F50-302 profile (external support)



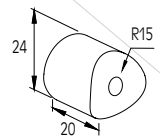
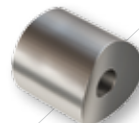
Package: 100 pcs 12 pcs

4235 Ø50 Railtop corner connector to F50-101 column, 90°



Package: 10 pcs

4240 F50-307 to F50-102 connector



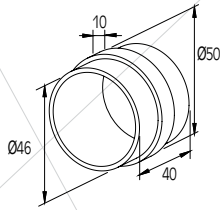
Package: 20 pcs

Package Blister



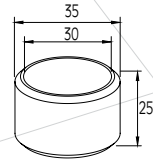
Accessories

4241 Ø50 Railtop connector (internal)



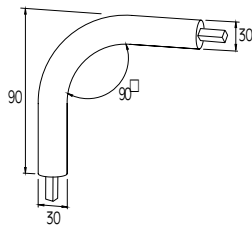
Package: 20 pcs

4242 Ø30 Profile connector (straight)



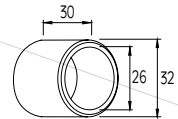
Package: 20 pcs

4243 F50-307 Rail connector 90°



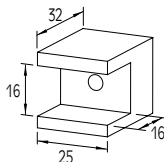
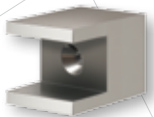
Package: 10 pcs

4244 F50-102/106 Column connector to Ø26 profile (internal support)



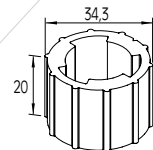
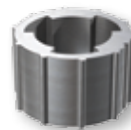
Package: 50 pcs 6 pcs

4245 F50-102/106 Column connector to F50-302 profile



Package: 100 pcs 12 pcs

4248 F50-104 Column adaptor



Package: 50 pcs

Package Blister



models



profiles



accessories

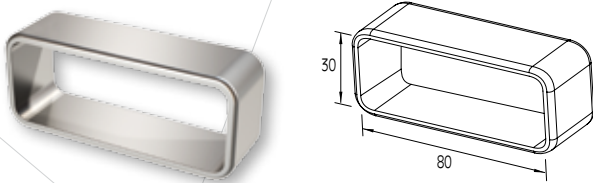


installation regulations



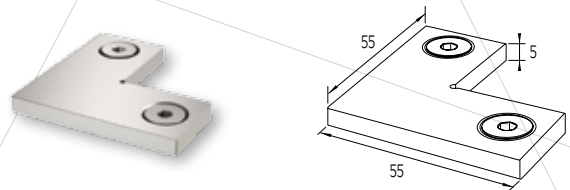
Accessories

4249 80x30 Railtop connector straight



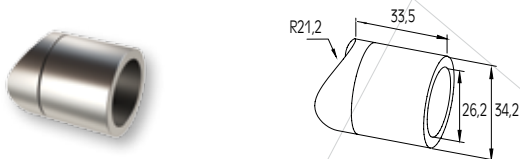
Package: 20 pcs

4250 F50-201 Railtop connector 90°



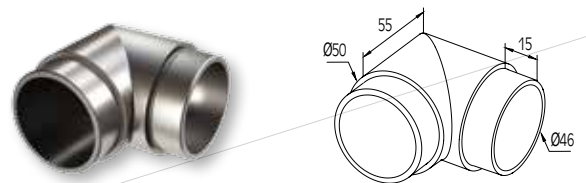
Package: 50 pcs

4252 F50-100 Column connector to Ø26 profile



Package: 50 pcs

4256 F50-200 Railtop connector 90°



Package: 15 pcs

4257 F50-200 railtop connector (vertical connection)



Package: 50 pcs

4302 Ø16 Adjustable angle connector



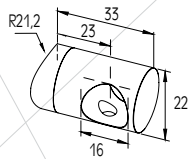
Package: 50 pcs 4 pcs

Package Blister



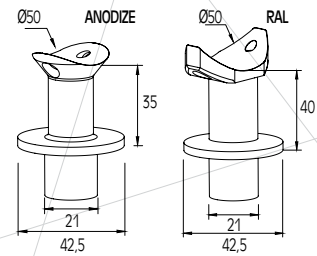
Accessories

4312 Ø16 Profile connector to F50-100 column



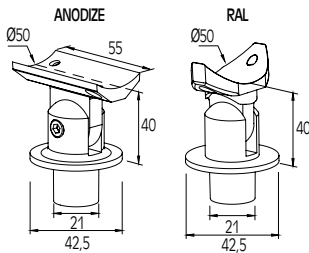
Package: 12 pcs

4314 Ø50 Railtop support to Ø42 column straight



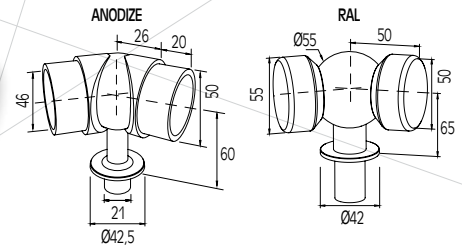
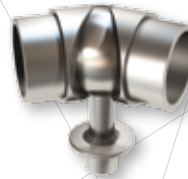
Package: 50 pcs 4 pcs

4316 Ø50 Railtop support to Ø42 column stairs



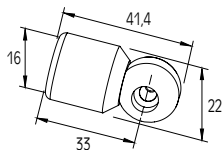
Package: 40 pcs 4 pcs

4319 Adjustable corner Ø50 railtop connector



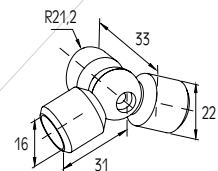
Package: 15 pcs

4322 Glass rossete connector to Ø16 profile



Package: 40 pcs

4323 Adjustable corner connector Ø16 profile to F50-100 column



Package: 20 pcs

Package Blister



models



profiles



accessories



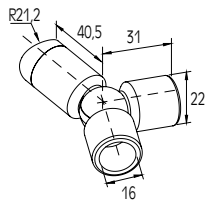
installation regulations



Accessories

4324

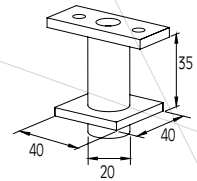
Horizontal adjustable corner connector Ø16 profile to F50-100 column



Package: 20 pcs 4 pcs

4328

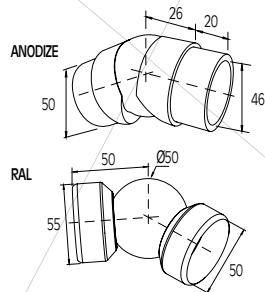
F50-102 Connector to F50-201



Package: 40 pcs

4329

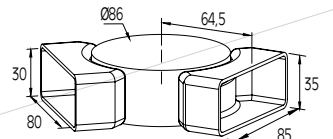
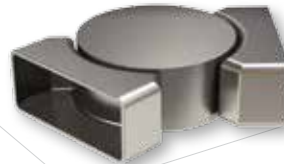
Adjustable corner Ø50 railtop connector



Package: 15 pcs

4332

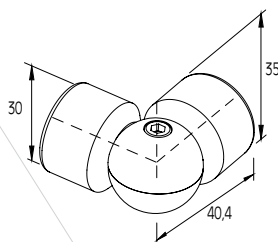
Adjustable corner F50-201/203 railtop connector



Package: 10 pcs

4333

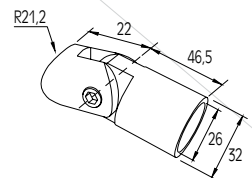
Adjustable corner F50-307 profile connector



Package: 20 pcs

4335

Adjustable corner Ø26 profile connector to F50-100 column



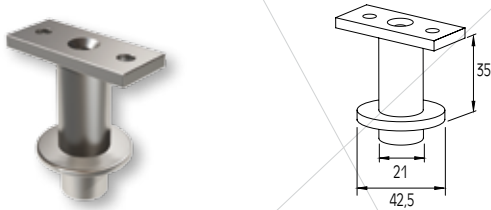
Package: 40 pcs 4 pcs

Package Blister



Accessories

4337 F50-100 Connector to F50-201



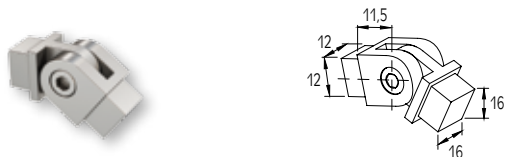
Package: 40 pcs

4341 F50-102 Connector to F50-302 profile (K16x16)



Package: 50 pcs 12 pcs

4342 Adjustable corner F50-302 profile connector



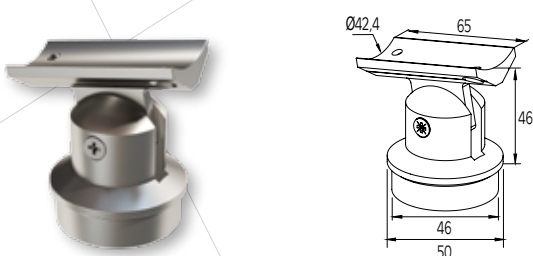
Package: 50 pcs 12 pcs

4343 Ready made column connector to Ø16 profile



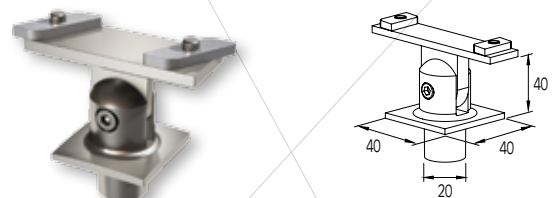
Package: 50 pcs 12 pcs

4344 F50-200 Railtop connector to F50-100 column stairs



Package: 40 pcs

4345 F50-201 Railtop connector to F50-102 column stairs



Package: 40 pcs

Package Blister



models



profiles



accessories

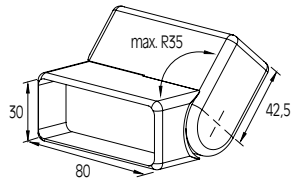


installation regulations



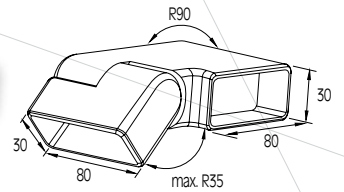
Accessories

4346 Adjustable corner 80x30 railtop connector stairs



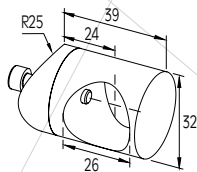
Package: 15 pcs

4347 Adjustable corner 80x30 railtop connector stairs



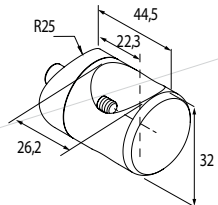
Package: 10 pcs

4348 Ø26 Profile connector to F50-101 column



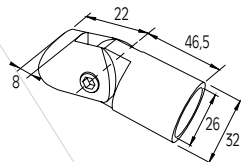
Package: 50 pcs 3 pcs

4348B Ø26 Profile connector to F50-101 column



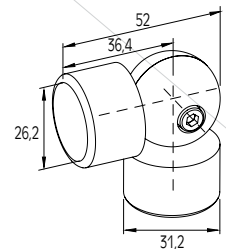
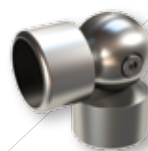
Package: 50 pcs

4349 Adjustable corner Ø26 profile connector to F50-102 column



Package: 20 pcs 4 pcs

4352 Adjustable corner Ø26 profile connector



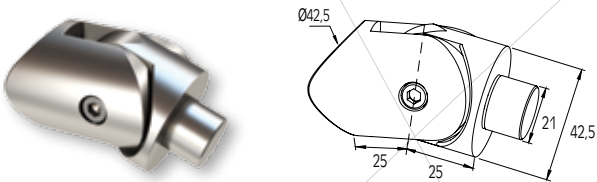
Package: 20 pcs

Package Blister



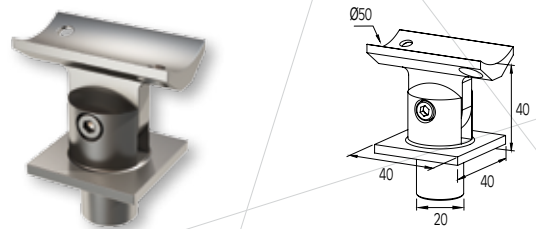
Accessories

4355 Adjustable corner F50-100 connector stairs



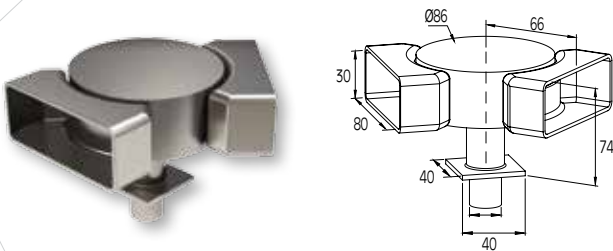
Package: 30 pcs

4356 F50-200 railtop connector to F50-102 column stairs



Package: 50 pcs

4357 Adjustable corner 80x30 railtop connector to F50-102 column



Package: 2 pcs

4358 Ø26 Profile connector to F50-102 column



Package: 50 pcs 3 pcs

4359 Ø16 Profile connector to F50-102 column



Package: 50 pcs 12 pcs

4360 Adjustable corner Ø16 profile connector to F50-102 column



Package: 20 pcs

Package Blister



models



profiles



accessories

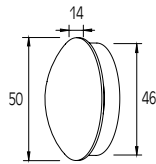


installation regulations



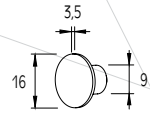
Accessories

4434 F50-200 Railtop end cover



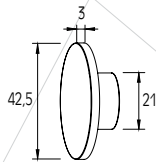
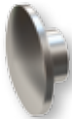
Package: 50 pcs

4435 F50-301 Profile end cover



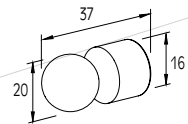
Package: 100 pcs 24 pcs

4436 F50-100 Column end cover



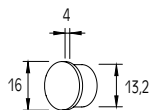
Package: 50 pcs 4 pcs

4437 Ø16 Profile end cover



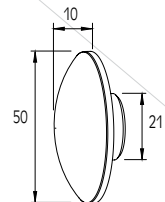
Package: 50 pcs 12 pcs

4438 F50-300 Profile end cover



Package: 50 pcs 24 pcs

4443 F50-101 Column end cover



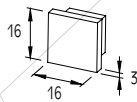
Package: 20 pcs

Package Blister



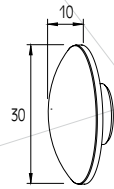
Accessories

4444 F50-302 Profile end cover



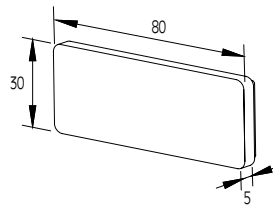
Package: 50 pcs 24 pcs

4446 F50-307 Rail end cover



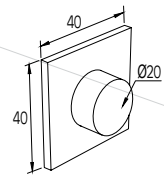
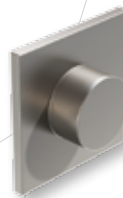
Package: 50 pcs

4447 F50-201 Railtop end cover



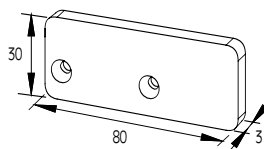
Package: 20 pcs

4448 F50-102 Column end cover



Package: 40 pcs

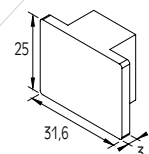
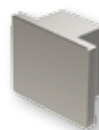
4451 F50-203 Railtop end cover



Package: 20 pcs

Package Blister

4452 F50-310 Rail end cover



Package: 40 pcs 24 pcs



models



profiles



accessories

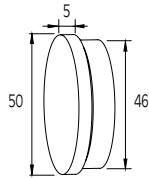


installation regulations



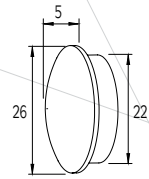
Accessories

4453 F50-200 Railtop flat end cover



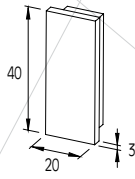
Package: 50 pcs

4461 F50-304 Profile end cover



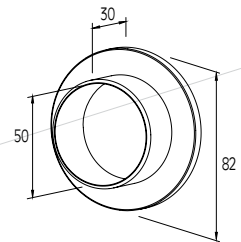
Package: 50 pcs

4464 59-009 Profile end cover



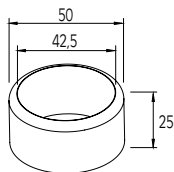
Package: 50 pcs

4509Z Ø50 Railtop wall cover



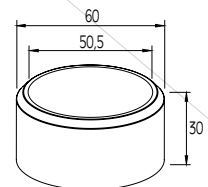
Package: 20 pcs 4 pcs

4510 Ø42 Column cover



Package: 50 pcs 4 pcs

4513 F50-101 Column cover



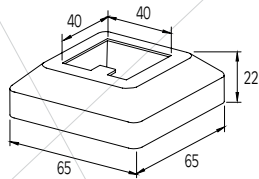
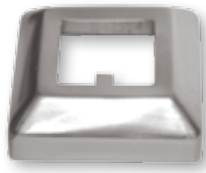
Package: 40 pcs

Package Blister



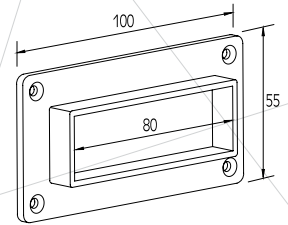
Accessories

4514 F50-102 Column cover



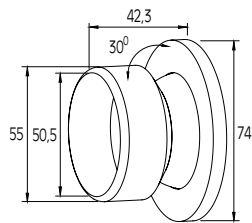
Package: 50 pcs

4515 F50-201/203 Railtop wall cover



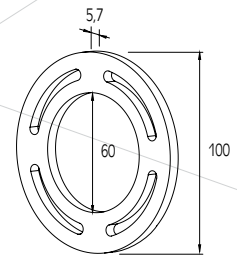
Package: 40 pcs

4518 Adjustable corner Ø50 railtop wall cover stairs



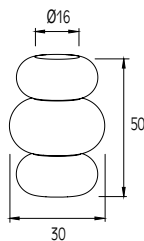
Package: 20 pcs

4611 Ø100 Glass rosette



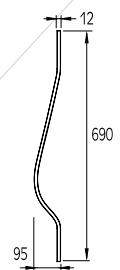
Package: 20 pcs

4618 Ø16 Profile rosette



Package: 50 pcs

4670 Curved profile for Vertical-D



Package: 100 pcs

Package Blister



models



profiles



accessories



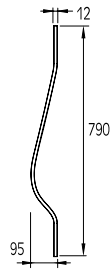
installation regulations



Accessories

4680

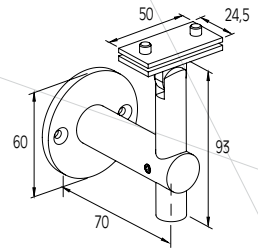
Curved profile for Vertical-D



Package: 100 pcs

F85-452

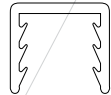
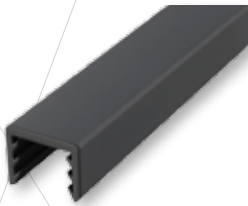
F50-201 Railtop wall support



Package: 40 pcs

4902

F50-310 rail "U" shape gasket for 10mm glass



Package: 50 m

US530-3PRX

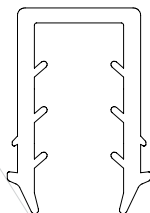
F50-310 / F50-203 rail gasket for 12mm glass



Package: 50 m

4910

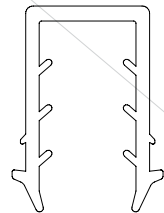
"U" shape gasket for 10,76mm glass (5mm-2PVB-5mm)



Package: 75 m

4911

"U" shape gasket for 11,52mm glass (5mm-4PVB-5mm) up to 12mm glass

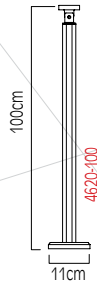
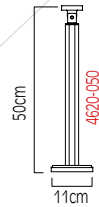


Package: 75 m



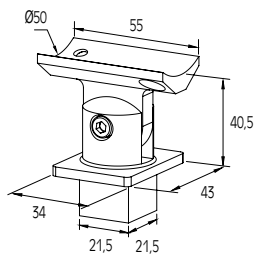
Blade Accessories

Ready made column **4620-050** Height 50cm **4620-095** Height 95cm **4620-100** Height 100cm



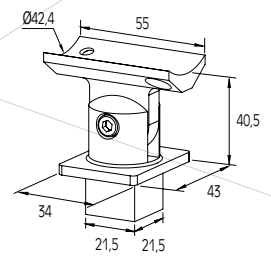
Package: 1 pcs

4620-310 F50-200 Railtop support stairs



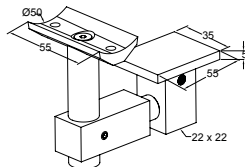
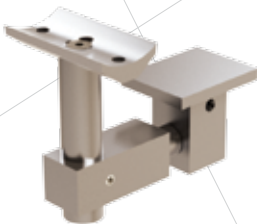
Package: 50 pcs

4620-311 Ø42 Railtop support stairs



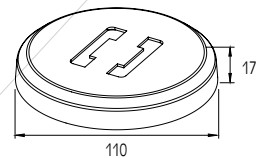
Package: 50 pcs

4620-312 Ø50 Railtop support stairs



Συσκευασία: 50 τεμ.

4620-320 F50-108 Column support foot



Package: 50 pcs

Package Blister



models



profiles



accessories



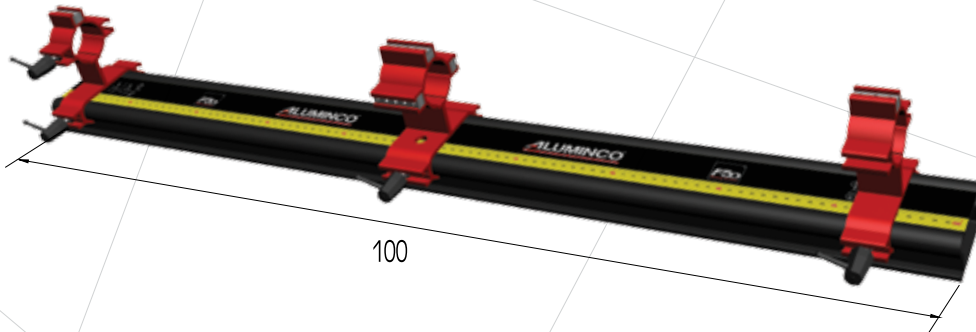
installation regulations



Montage Materials

F50-K42

Profile calibrator



Package: 1 pcs

6K9450

Glue 50ml



- In proportion 1:1
- Working time 7-8 min
- Initial welding time 15-18 min
- Complete welding time 3-6 hours

6KA100

Glue mixer accessory



Package: 10 pcs

Package: 10 pcs

UA320.01ELA

Resin for infloor supporting accessories



- Working time 15-20 min

6KA102

Resin mixer accessory



Package: 20 pcs

Package: 20 pcs

6KA200

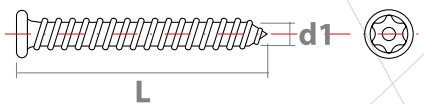
Glue application pistol





Torx concrete screw

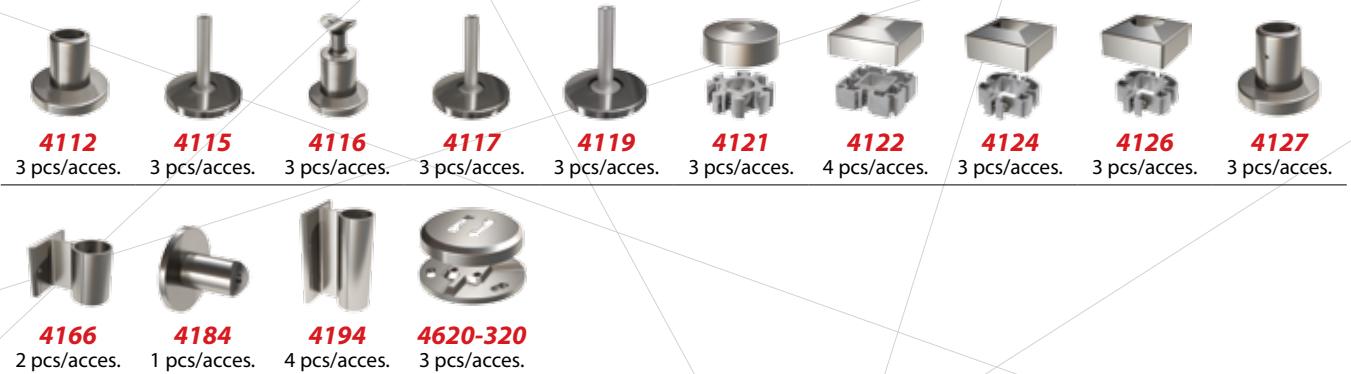
Code	Dimensions dxL	Additional features	Self-drilled	Package
EBM-75092G	7,5x92	GALVANIZED / CONCRETE / BRICK / TORX	NO	150/box
EBM-75112G	7,5x112	GALVANIZED / MARBLE / BRICK / TORX	NO	150/box



Tool: DRILL No 6 / TORX T30

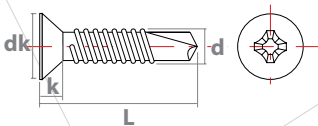
MANDATORY USE RESIN

Accessories



Self-drilled screw

Code	Dimensions dxL	Additional features	Self-drilled	Package
EB7504P-4219I	4,2x19 DIN 7504P	INOX / FOR ALUMINIUM	YES	1000/box



Tool: PHILLIPS BIT PH2

Accessories





models



profiles



accessories



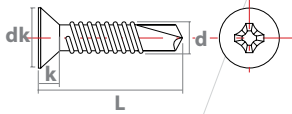
installation regulations



Montage Materials

Self-drilled screw

Code	Dimensions dxL	Additional features	Selfdrilled	Package
EB7504P-4838I	4,8x38 DIN 7504P	INOX / FOR ALUMINIUM	YES	200/box



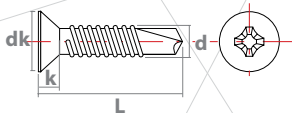
Tool: PHILLIPS BIT PH2

Accessories

 4168 2 pcs/acces.	 4169B 1 pcs/acces.	 4172 2 pcs/acces.	 4173 2 pcs/acces.	 4180 2 pcs/acces.	 4181 1 pcs/acces.	 4182 1 pcs/acces.	 4186 6 pcs/acces.	 4189 2 pcs/acces.	 4190 2 pcs/acces.
 4191 2 pcs/acces.	 4192 2 pcs/acces.	 4193 2 pcs/acces.	 4225 1 pcs/acces.	 4240 1 pcs/acces.	 4244 1 pcs/acces.	 4252 1 pcs/acces.	 4257 1 pcs/acces.	 4335 1 pcs/acces.	 4349 1 pcs/acces.
 4355 2 pcs/acces.	 4358 1 pcs/acces.								

Self-drilled screw

Code	Dimensions dxL	Additional features	Selfdrilled	Package
EB7504P-4238I	4,2x38 DIN 7504P	INOX / FOR ALUMINIUM	YES	500/box



Tool: PHILLIPS BIT PH2

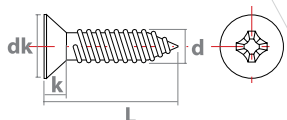
Accessories

 4224 1 pcs/acces.	 4232 1 pcs/acces.	 4245 1 pcs/acces.	 4312 1 pcs/acces.	 4323 1 pcs/acces.	 4324 1 pcs/acces.	 4341 1 pcs/acces.	 4359 1 pcs/acces.	 4360 1 pcs/acces.
---------------------------------	---------------------------------	---------------------------------	---------------------------------	---------------------------------	---------------------------------	---------------------------------	---------------------------------	---------------------------------



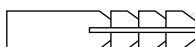
Tapping screw - Plastic plug

Code	Dimensions dxL	Additional features	Selfdrilled	Package
EB7982-4838I	4,8x38 DIN 7982	INOX / FOR PLASTIC PLUG No6	NO	200/box



Tool: PHILLIPS BIT PH2

Code	Dimensions dxL	Additional features	Selfdrilled	Package
EB01P-0630	No 6x30	PLASTIC / 4,8x38	-	500/box



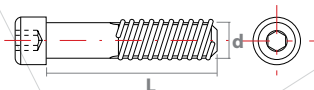
Tool: DRILL No 6

Accessories



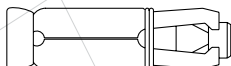
Allen screw - Metallic anchor

Code	Dimensions dxL	Additional features	Selfdrilled	Package
EB912-010100I	M10x100 DIN 912	INOX / CONCRETE / FOR METALLIC ANCHOR M10	NO	100/box
EB912-010120I	M10x120 DIN 912	INOX / MARBLE / FOR METALLIC ANCHOR M10	NO	100/box
EB912-010070I	M10x70 DIN 912	INOX / MARBLE / FOR METALLIC ANCHOR M10	NO	50/box



Tool: ALLEN No 8

Code	Dimensions dxL	Additional features	Selfdrilled	Package
EB01M-1040G	M10x40	GALVANIZED / FOR M10x100 & M10x120	-	50/box



Tool: DRILL No 10

Accessories





models



profiles



accessories



installation regulations



Installation Regulations

1. Unit installation requirements

Illustration 1

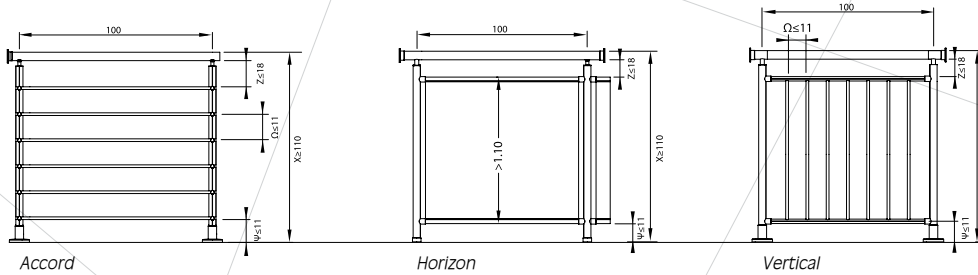
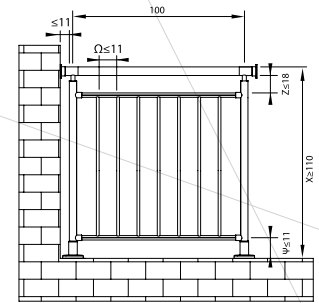


Illustration 2



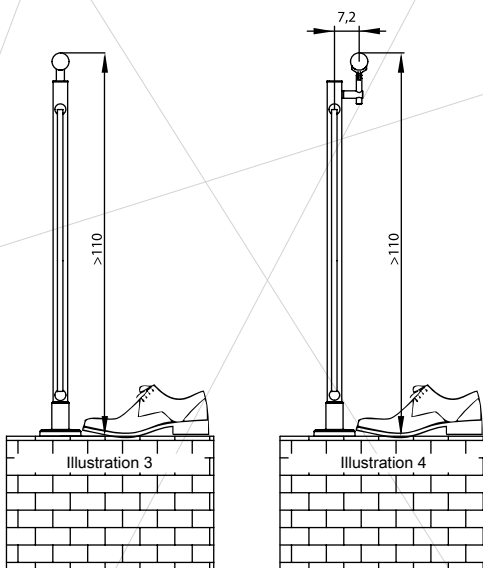
Valid for all three models: Accord, Horizon, Vertical

- Recommended distance between columns (axis): 100cm
- Total security railing height (from floor top up to rail top): $X \geq 110$ cm
- Security height of lower end (from floor top up to first horizontal profile): $\Psi \leq 11$ cm
- Security height of upper end (from the highest edge of the upper horizontal profile up to the handrail bottom edge): $Z \leq 18$ cm
- In-between horizontal profile clearance (net opening) for Accord, or vertical profiles width for Vertical: $\Omega \leq 11$ cm

Wall mounting
Valid for all three models: Accord, Horizon & Vertical

- Net distance between final support column and the wall (net width): $K \leq 11$ cm

2. Increased safety installation



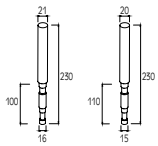
In response to the requirement of numerous markets for increased safety railings for children, ALUMINCO has supplied its F50 Railing System with a smart element.

The possibility to be mounted with an internal rail top support (Illustration 4) instead of the ordinary vertical rail top support (Illustration 3), for increased safety reasons. Due to this device, the rail top axis shifts 7,2cm inside the vertical column support axis, avoiding thus leverage formation.

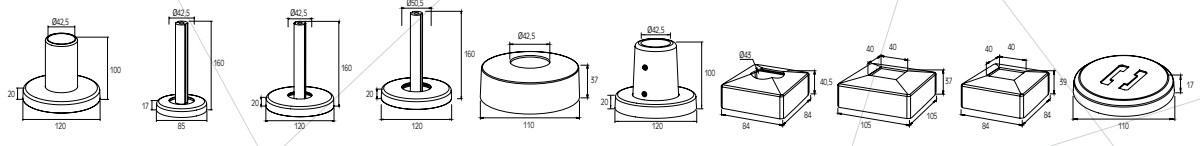
The internal rail top support can be applied to all three models: Accord, Horizon, Vertical.

3. Alternative column support solutions

(a) In floor support



(b) Floor external support



(c) Wall support

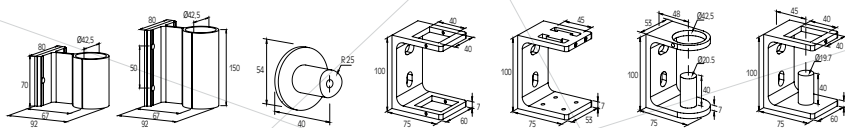
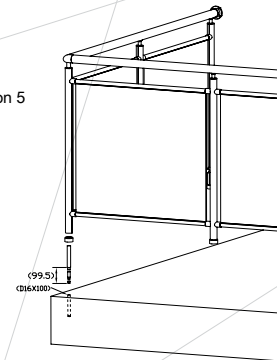


Illustration 5



F50 Railing System offers three alternative ways of support column mounting, depending on the model and the possibility offered by the railing construction plan.

(a) In floor support
[Illustration 5]

When this version of mounting is used, a 23cm rod is inserted in the concrete for about 10cm (diameter of the drill $\varnothing 16$ mm) using a two element epoxy glue. On the other side the pillar is inserted. This way of mounting is suitable for floors, stepping stones, parapets made of solid structural material, for example concrete, with a minimum thickness of 15cm.

(b) Floor external support
[Illustr. 6 (without parapet), Illustr. 7 (with parapet)]

This way can be used to mount Accord, Horizon and the Vertical and in every application. There are 10 different mounting accessories. 7 of them have a round base of $\varnothing 120$, $\varnothing 110$ & $\varnothing 85$ mm diameter and the other one have a rectangle base (the later are made for Accord RC and RC Quattro).

(c) Wall support
[Illustration 8]

This solution can be applied on balconies without parapet and on stair railing systems (if the balcony has a parapet it should be used only in the inner lateral surface).

Illustration 6

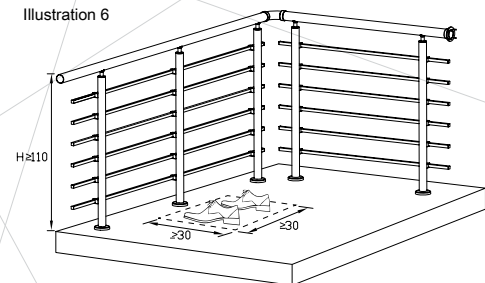


Illustration 7

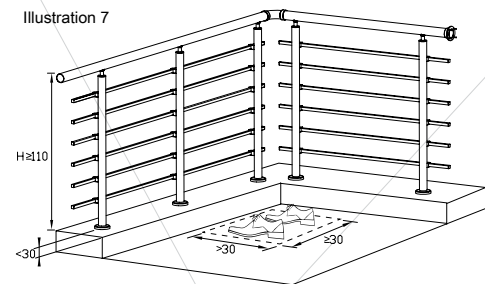
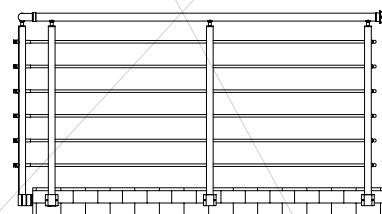


Illustration 8





models



profiles



accessories

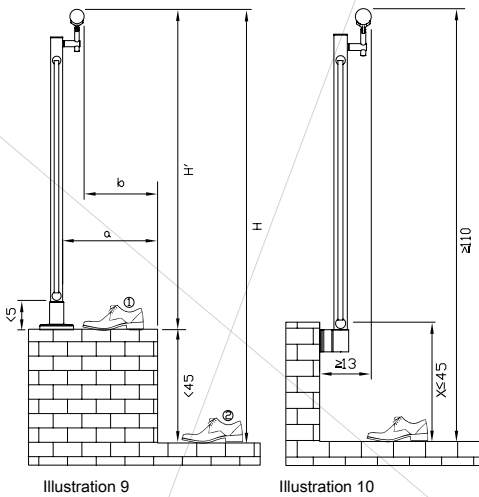


installation regulations



Installation Regulations

4. Secure installation on a parapet



A usual practice for balconies is to end up to parapets. For those cases safety regulations advise two alternative installation ways:

(a) On the parapet / Sur le muret

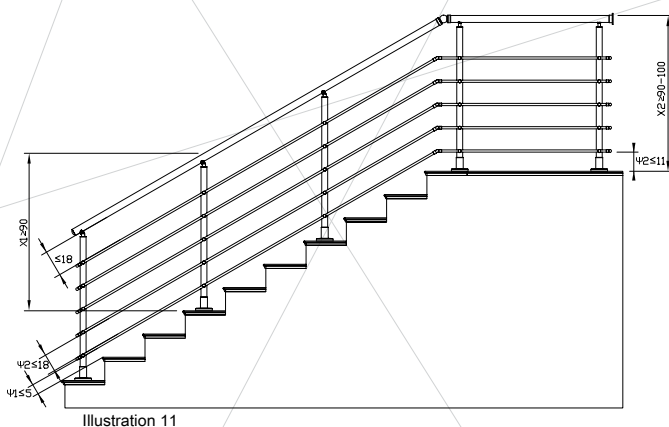
In this application (considering that the height of the parapet is $X \leq 45\text{cm}$ and width of the parapet is $\Psi \geq 30\text{cm}$, then the total height of the railing mentioned in paragraph 1 should be measured from the top surface of the parapet and not from the floor. (Illustration 9)

(b) Inside the parapet / À l'intérieur du muret

In this application considering that the height of the parapet measured from the floor is $X \leq 45\text{cm}$ and independently of the parapet width, then the minimum height of the railing mentioned in paragraph 1 should be measured from the top surface of the floor till the highest point of the handrail (Illustration 10).

5. Secure installation on stairs [Illustration 11]

Valid for all three models: Accord, Horizon, Vertical



- Suggested centerline distance between pillars: every 4th stair stone
- Total protection height of the stair railing (measured from the end of the stair stone to the handrail): $X1 \geq 90\text{cm}$
- Total protection height of the railing at the end of the stair (measured from the ending of the last stair stone to the handrail) $X2 \geq 90-100\text{cm}$
- Maximum allowed space between the edge of the stair stone and the horizontal sectors of the railing $\Psi1 \leq 5\text{cm}$
- Maximum allowed space on the landing of the stair (measured from the top surface of the ending stair stone to the nearest edge of the barrier) $\Psi2 \leq 11\text{cm}$
- Interior distance (opening) between the horizontal tubes Accord $\Omega \leq 18\text{cm}$

6. Secure installation on external corridors

Valid for all three models: Accord, Horizon, Vertical

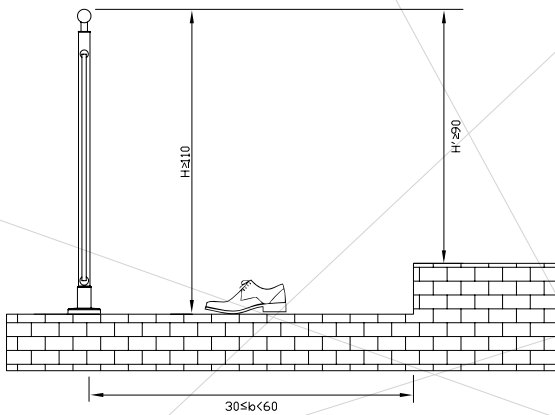


Illustration 12

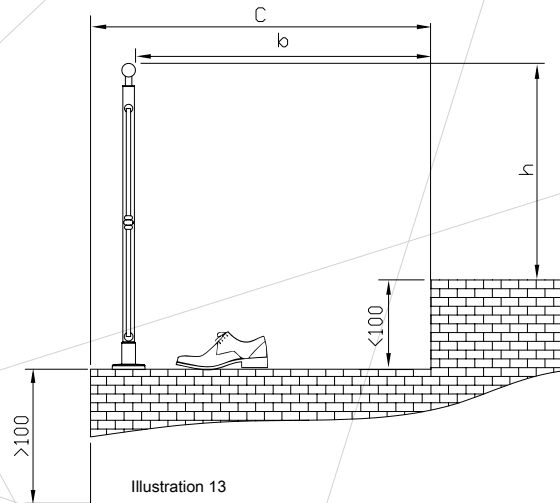
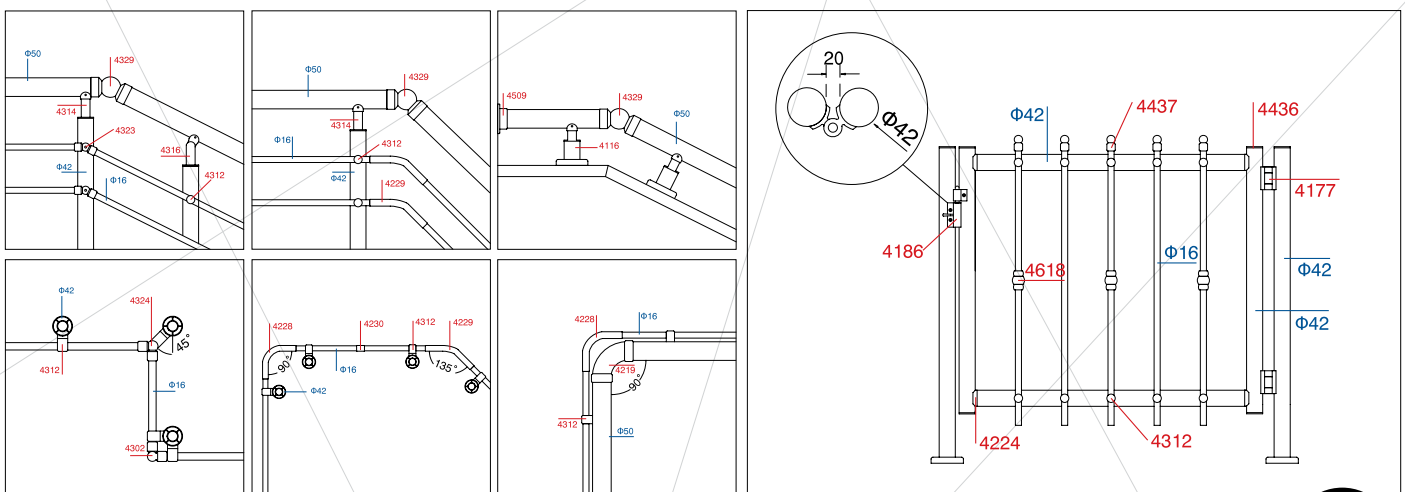


Illustration 13

For corridor turn around or ending

- In the case that a hallway ends or turns around a point and the drop from the hallway to the soil is greater than 100cm, then a railing should be fitted. (Illustration 12) Otherwise an object could be placed in order to avoid passing, for example a jardiniere.
- The distance b between the railing from the last stair stone should satisfy $30\text{cm} \leq b \leq 60\text{cm}$. In this way even if a person stumbles upon the stair stone, the risk of an accident is minimized. (Illustration 13)

7. Assembling details





Lexan[®]
Solid Polycarbonate Sheets

Transparent



Code:
PC200-005CL

Transparent textured



Code:
PC201-006CL

Opal



Code:
PC200-005OP

Grey



Code:
PC200-005GR

Red



Code:
PC200-005RD

Yellow



Code:
PC200-005YE

Violet



Code:
PC200-005VL

Light Blue



Code:
PC200-005BL

Note:

Printed colors are indicative and do not represent 100% the material's actual color and clarity. You are kindly requested to ask for color samples.

color	thickness	dimensions
Transparent / Opal	5mm	205x605cm
Colored	5mm	205x605cm
Transparent textured	6mm	205x305cm



Notes

A series of horizontal dotted lines for taking notes, spanning the width of the page.



Notes

A series of horizontal dotted lines for taking notes, spanning the width of the page.



Notes

A series of horizontal dotted lines for taking notes, spanning the width of the page.



Notes

A series of horizontal dotted lines for taking notes, spanning the width of the page.



Notes

A series of horizontal dotted lines for taking notes, spanning the width of the page.



ALUMINCO

ALUMINIUM BUILDING SYSTEMS

Head Office: INOFITA VIOTIA 32011 GREECE
tel.: +30 22620 47000
sales: +30 22620 47090/091/092
fax: +30 22620 47095

website: www.aluminco.com
e-mail: mail@aluminco.com
sales@aluminco.com



*To go to www.aluminco.com
simply use your phone's
barcode scanner and follow the link.*

