

igena safety

Anchor points and safety cables
Lifelines

FAST

SYSTEM



EN 795:2012



IGENA, always at the forefront of fall protection technology, is pleased to present you with our new **FAST** lifeline models, designed to offer maximum safety, comfort and easy handling to the user.

All our products are backed by this Spanish company's experience and knowledge that spans more than 30 years, and who have become a reference in the global market.

Our lifelines have obtained global recognition, thanks to the work of our R&D department who are closely involved in the manufacturing process, as well as the fact that we only use the highest quality material.



FAST

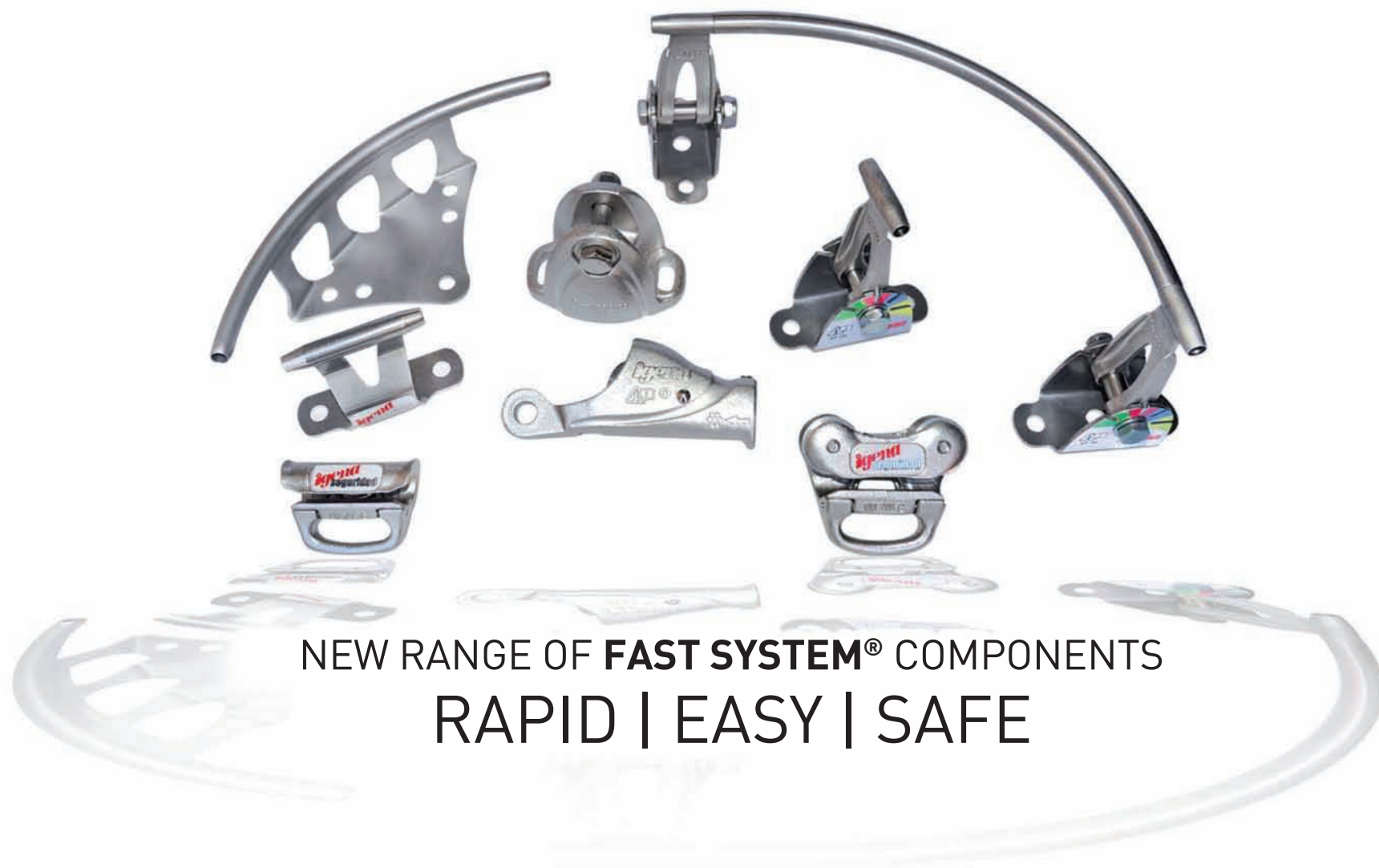
The FAST line guarantees user comfort and mobility throughout the entire line. Its modern design makes it the ideal solution for landmark buildings requiring both a safe and aesthetic solution.



- STAINLESS STEEL resistant and compact components.
- FAST allows up to 4 people to work on a line at any one time.
- Galvanised or stainless steel cable.
- Allows gaps of up to 20 m between intermediate anchors.
- Passes simply and quickly through intermediate anchors from the given distance (FAST).
- Allows overhead, roof, wall and floor installation, thanks to the multi-purpose intermediate anchor.
- Comes with a wide range of posts and supports for all types of mounting.
- Installation is extremely simple and does not require any special tools.
- IGENA, as manufacturer, offers the best technical support at a reduced cost with instant delivery of materials.



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NEW RANGE OF **FAST SYSTEM**® COMPONENTS
RAPID | EASY | SAFE

by IGENA

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LFI MULTI-PURPOSE FAST line - STAINLESS STEEL CABLE



K-10



R-10



KC-80



K-20



C-08

C-28



X-60



K-10

LFG MULTI-PURPOSE FAST line - GALVANISED STEEL



K-10



R-10



KC-80



K-20



CG-18

C-28



X-60



K-10

LFIS FIXED FAST line - STAINLESS STEEL CABLE



K-10



R-10



KC-80



SK-20



C-08

C-28



X-60



K-10

LFGS FIXED FAST line - GALVANISED STEEL



K-10



R-10



KC-80



SK-20



CG-18

C-28



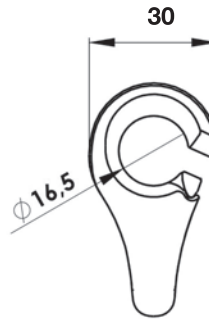
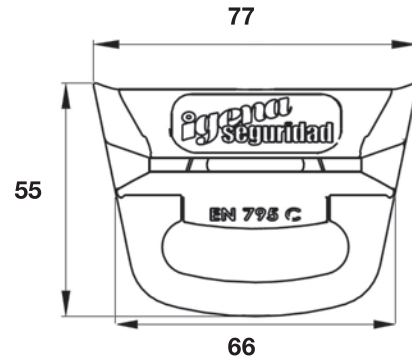
X-60



K-10

Fall protection shuttles

KP-8 FAST sliding transfer shuttle

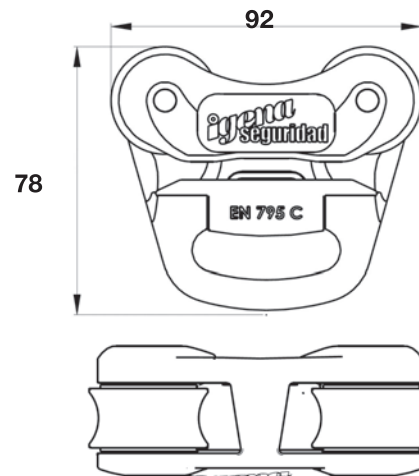


Manufactured in stainless steel.
Use with all Fast line models.
(Multi-purpose and fixed)



Easy and safe assembly at any point along the lifeline. Its modern design and large cone-shaped side openings allow the "FAST" passage of all the intermediate anchors and curves from a great distance.

OVR-8 FAST transfer shuttles with bearings



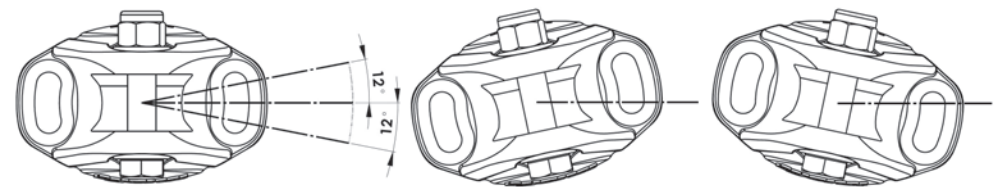
Manufactured in stainless steel.
Use with Multi-purpose Fast line.



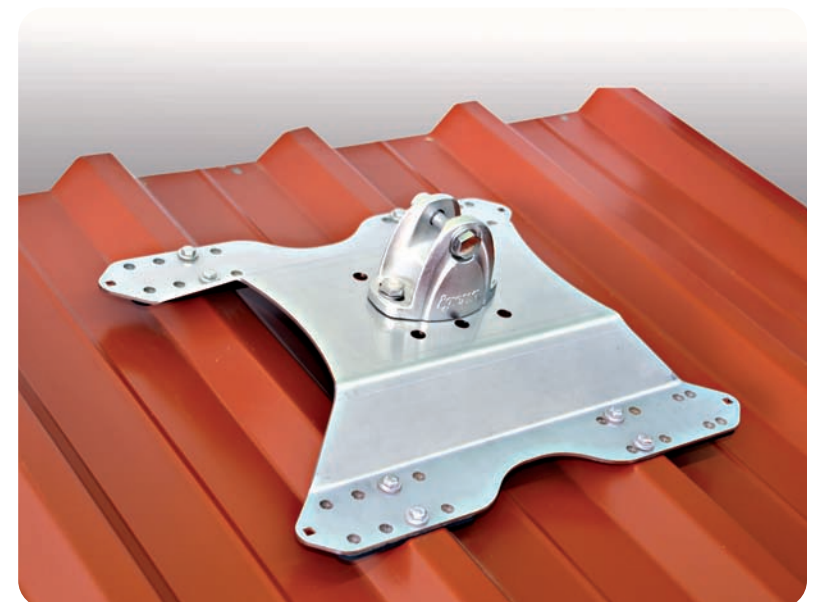
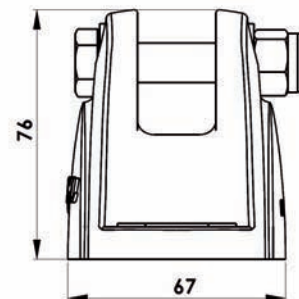
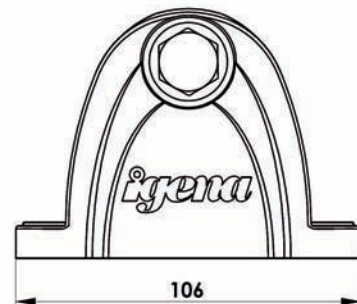
Ideal for use with lines located above the operator. Seamless and easy passage throughout the line thanks to its ball bearings.

Anchor tip

K-10 Anchor tip manufactured in stainless steel



K 10 Anchor tip manufactured in 316 stainless steel. Easy assembly with 2 M 10 mountings, with elongated hole inserts to allow the perfect alignment of the line.



Fall energy **shock absorber**

X-60 STAINLESS STEEL Regulator

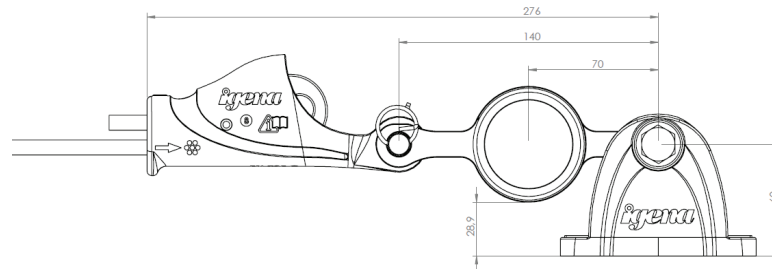


STAINLESS STEEL

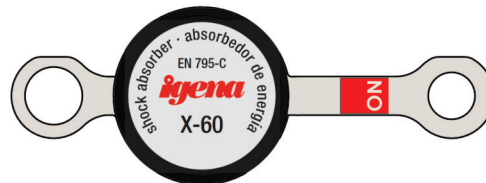
The new generation energy shock absorber that maintains constant force during the deformation to absorb the maximum amount of fall energy.

A challenge that our very own R & D department has managed to overcome with flying colours, a system that has achieved maximum efficiency and simplicity.

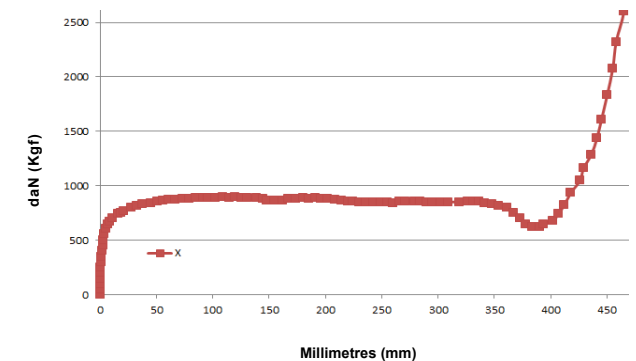
The X 60 is characterized by its versatility, thanks to the fact that it can be mounted onto any of the anchors from our range and is specially designed to allow installation onto fragile construction elements (such as hollow brick walls) or in very high posts which can lead to high torque (lever arm).



The innovative X 60 system reduces the force applied to the anchors at the end of the lifeline, doing so symmetrically with the application of a steady force. The fact that the X 60 is a fully external system ensures absolute efficiency, eliminating abrasion and friction from other systems with complex internal mechanisms that are difficult to predict or maintain.



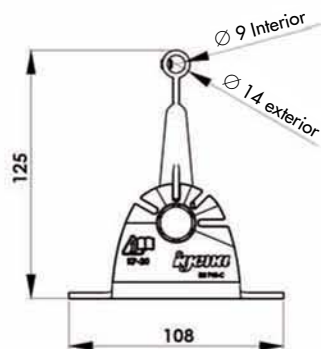
Extension of shock absorber with fall indicator (red)



Maximum tension in the lifeline with the X-60 absorber

Intermediate **anchors**

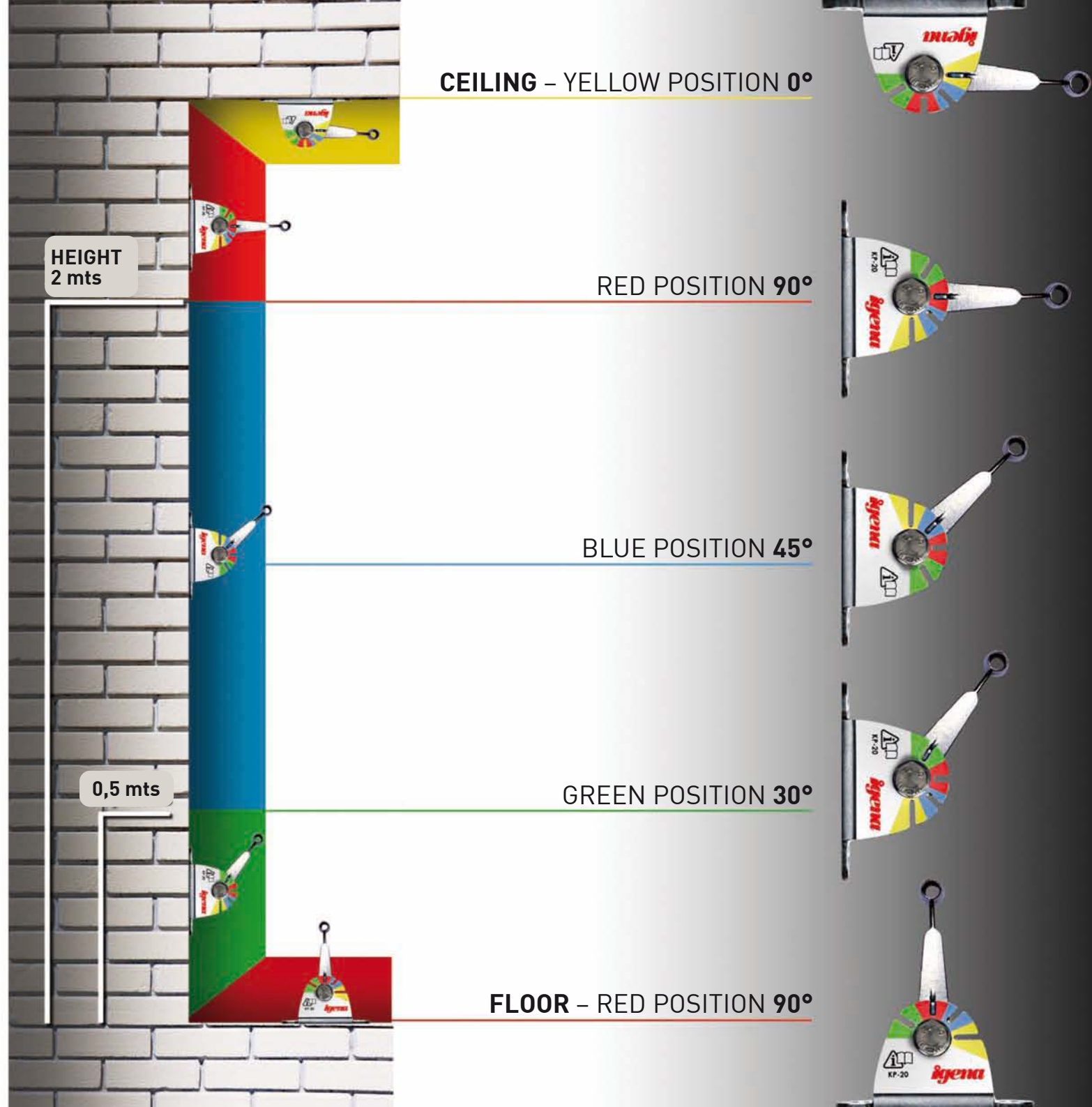
K-20 FAST ADJUSTABLE intermediate anchor



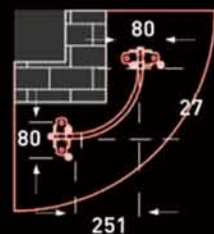
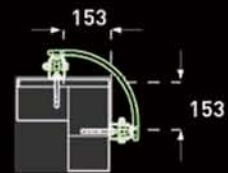
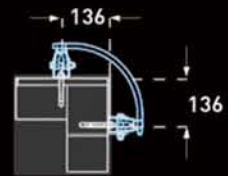
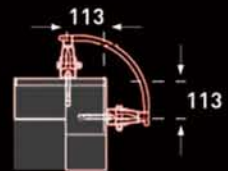
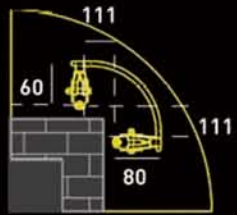
Fully manufactured in stainless steel.

Adjusts to 4 different positions depending on the line location, allowing the most seamless and quickest passage of the KP 8 and OVR 8 fall protection shuttles on the market.

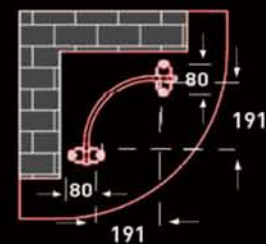
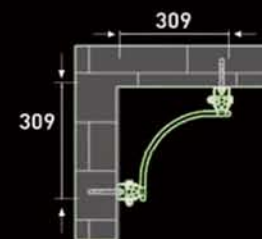
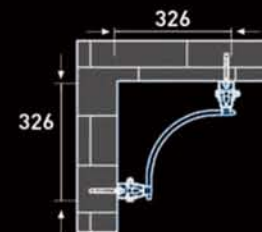
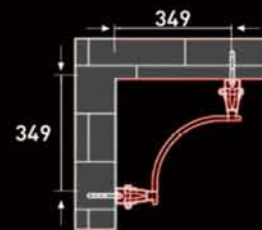
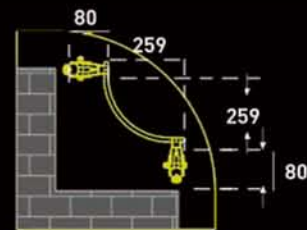
Easy adjustment during assembly and anchor adjustment, even with tacked cables.



EXTERIOR CORNER



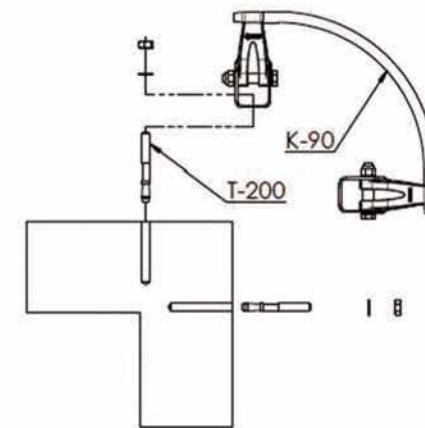
INTERIOR CORNER



CURVED ANCHOR POSITIONS DEPENDING ON POSITION ANGLE



K-90 FAST multi-purpose curve



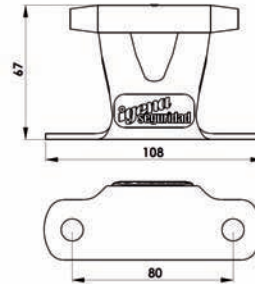
Fully manufactured in stainless steel.

Compatible with interior or exterior corners. Adjusts to 4 different positions depending on the line location, allowing the most seamless and quickest passage of the KP-8 and OVR-8 fall protection shuttles on the market.

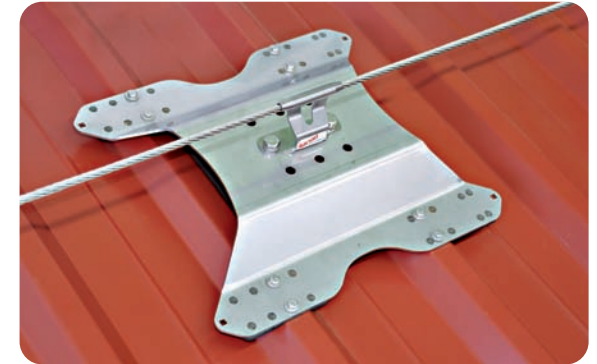
For mounting onto brick walls and other different concrete types, use 2 BC-20 or BG-50 reinforcement plate units.

Anchors

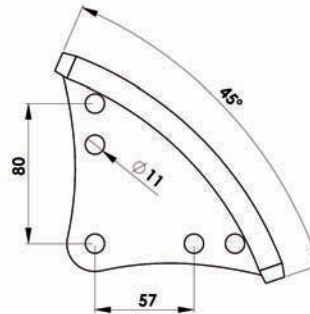
SK-20 FAST FIXED intermediate anchor



Manufactured in stainless steel.
Used exclusively for industrial roofs and **floor** mounting.
Compatible with all P-10 to P-40, PR-50 posts and SR-50 stands.



SK-45 FAST FIXED 45° Curve

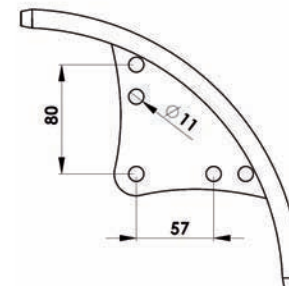


Manufactured in stainless steel. Exclusively used for **floors**.

Compatible with all P 10 - P 40 posts, BA 10-BA 40 plates as well as SR-50 and PR-50 riveted posts and stands.



SK-90 FAST FIXED 90° Curve



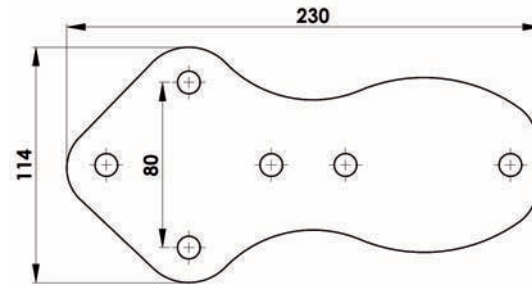
Manufactured in stainless steel.
Exclusively used for **floors**.

Compatible with all P10 - P 40 posts, BA 10- BA 40 plates, as well as SR-50 and PR-50 riveted posts and stands.



Anchors

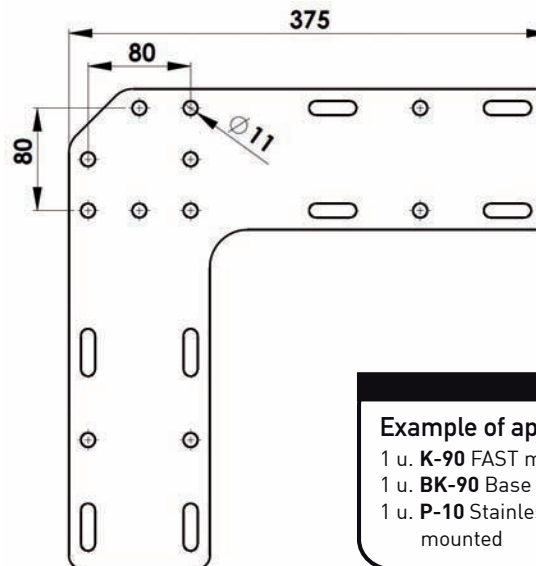
BK-40 T FAST Base



Manufactured in stainless steel.
For connection lifelines (K-10 Anchor tip + SK-20 intermediate FIXED or K-20 multi-purpose). Compatible for use with all P-10 to P-40, PR-50 posts and SR-50 stands.



BK-90 FAST MULTI-PURPOSE curve base



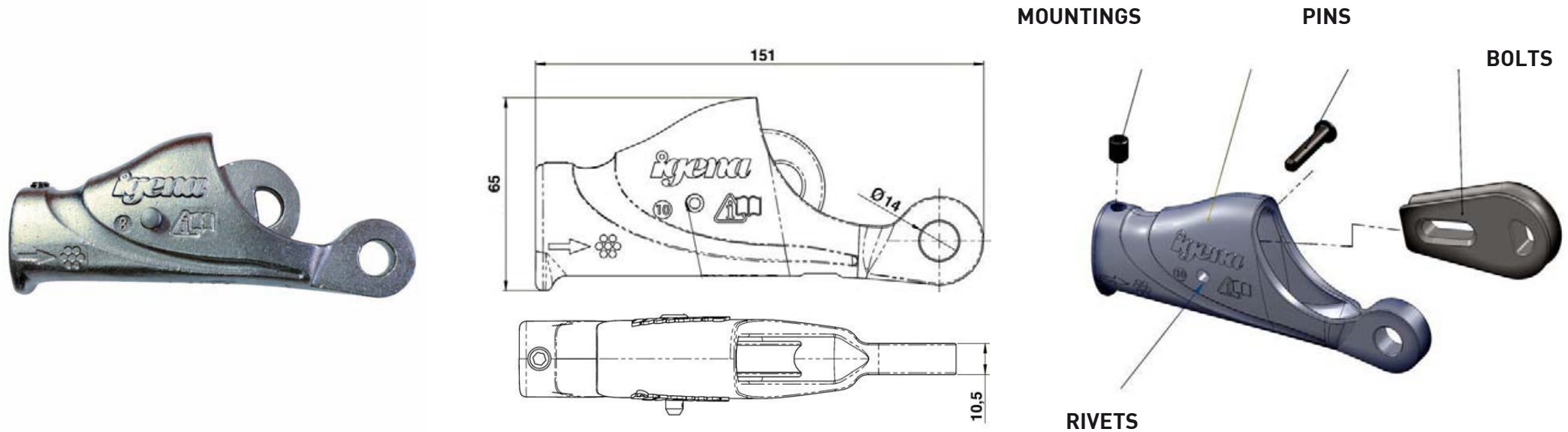
Example of application

- 1 u. K-90 FAST multi-purpose curve
- 1 u. BK-90 Base Curve
- 1 u. P-10 Stainless steel post Floor mounted



Rapid manual-mounting **TERMINAL**

KC-80 Cable terminal for FAST lifeline



The IGENA R & D department has once again outdone itself with the design of a **new concept in lifeline terminals**, with a terminal that is the FASTEST, EASIEST and SAFEST on the market.

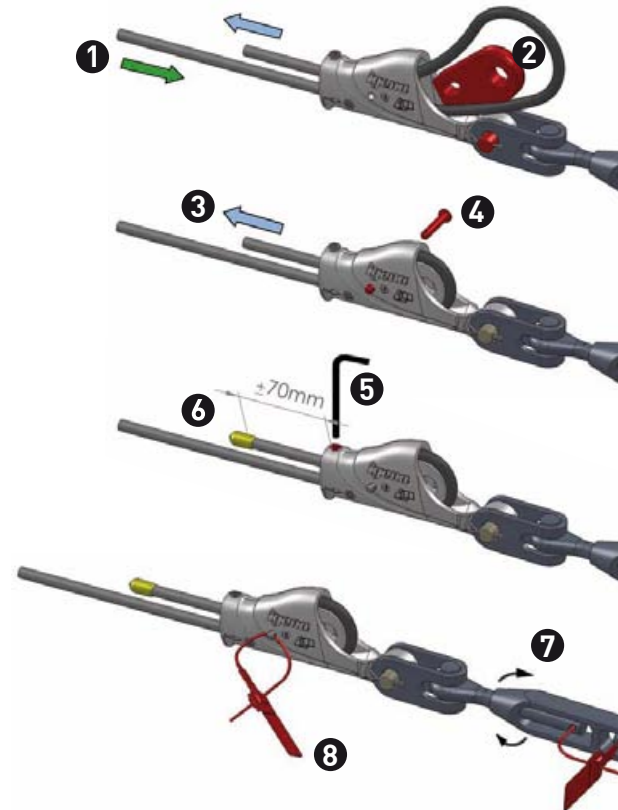
- **FAST** as it can be assembled in 30 seconds.
- **EASY** as it does not require any tools for its installation.
- **SAFE** due to its fool proof assembly, allowing you to easily check that the terminal is in good conditions with a visual inspection.

This terminal has been designed with installers and users in mind, and is incredibly easy to install and can be checked with a simple visual inspection to ensure it is in good condition. Once it is installed, it is sealed to prevent tampering. This terminal does not require load tests to verify its resistance, thanks to its design, where the terminal resistance increases in line with the line tension, leading to the same cable possessing greater resistance.

AVAILABLE for Ø 8 mm cable diameter (Ref. KC-80)

KC-80 assembly instructions

- 1 Insert the cable through the lower hole and out of the upper hole.
- 2 Insert the wedge into its housing.
- 3 Manually tighten the cable.
- 4 Position the pin.
- 5 Tighten the socket screw.
- 6 Cut the excess cable and position the PVC protector.
- 7 Tighten the line (with the tensioner).
- 8 Place seals on the tensioner and the terminal.



Cables and tensioners

C-08 Ø 8mm 7x19+0
Stainless steel cables

CG-18 Ø 8mm 7x19+0
Galvanised cable



C-28 Ø 8 Copper cap
pressed terminal



R-10 Eyelet-pin open box
tensioner (secured with K-10)



C-78 Ø 8 End cable
colour protector



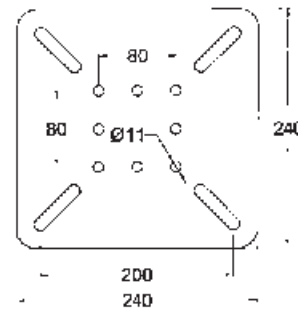
All our lifelines come with references.
Cables are marked and sealed with the same numbering.



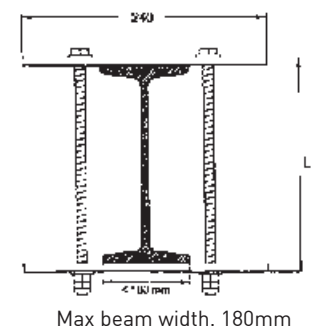
Anchor mounting stainless steel plates

MULTI
functional

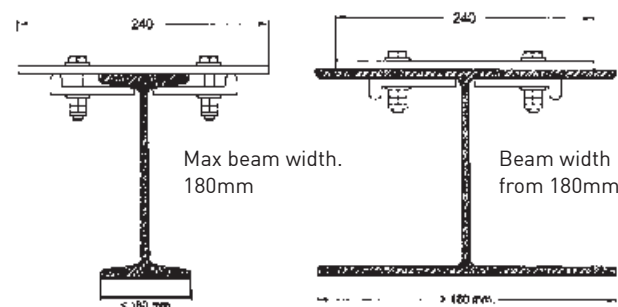
BA-10 Stainless steel plate mounted onto wall and floor



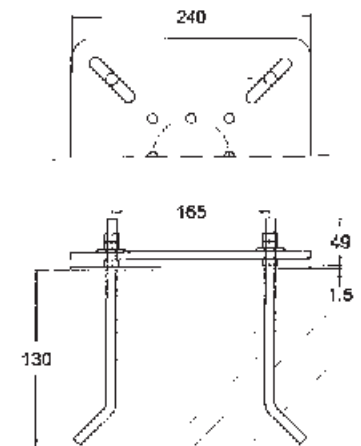
BA-30 Stainless steel plate mounted onto beam with bracket



BA-20 Stainless steel plate mounted onto beam with tabs

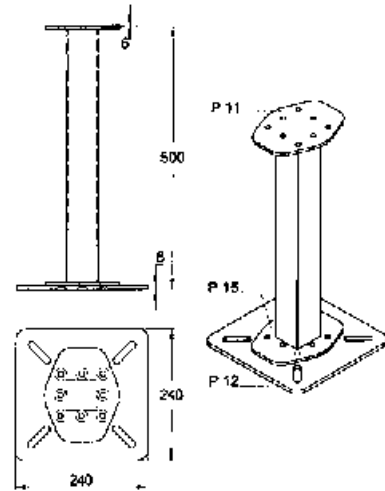


BA-40 Stainless steel plate mounted onto floor using adjustable bolts to insert into concrete

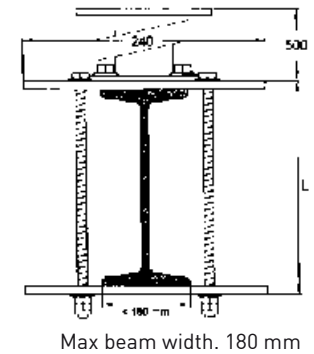


Stainless steel **post** mounting

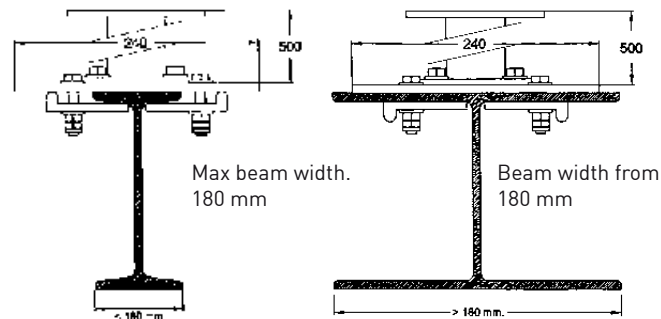
P-10 Floor mounted stainless steel post



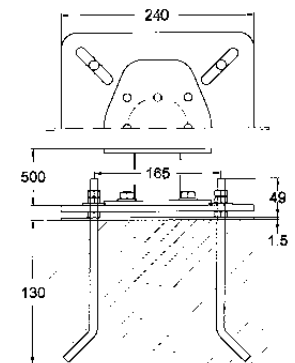
P-30 Stainless steel plate mounted onto beam with bracket



P-20 Stainless steel plate mounted onto beam with tabs

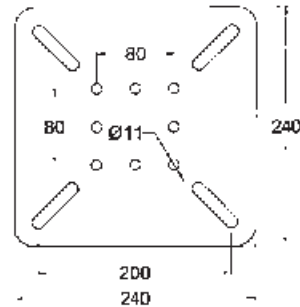
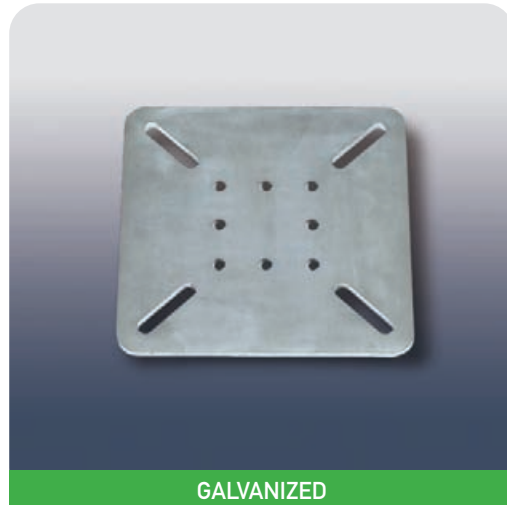


P-40 Stainless steel post mounted onto the floor using adjustable bolts to insert into concrete

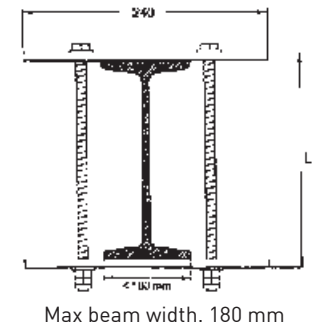


Galvanized plates mounted onto walls and floors

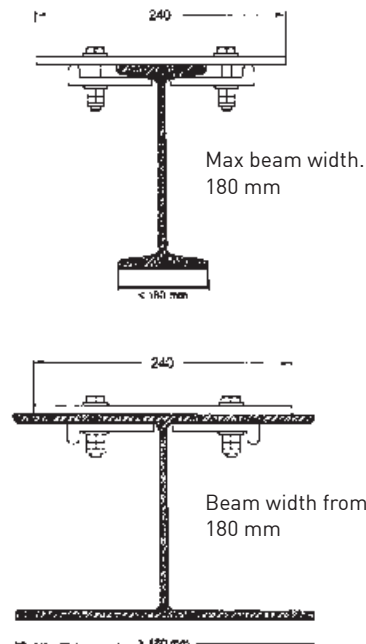
BG-10 Galvanized plates mounted onto walls and floors



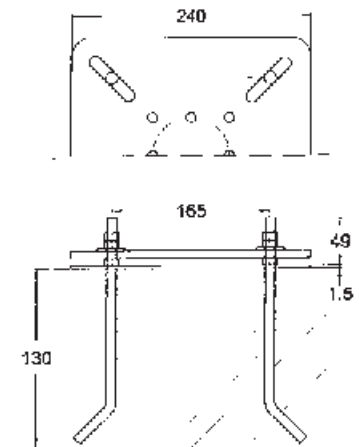
BG-30 Galvanized plates mounted onto beam with bracket



BG-20 Galvanised plate mounted onto beam with tabs

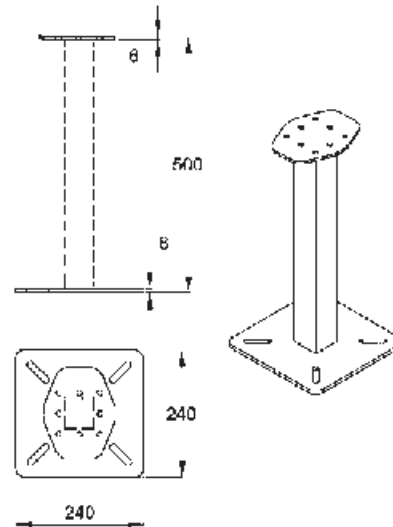


BG-40 Galvanized plate mounted onto the floor using adjustable bolts to insert into concrete

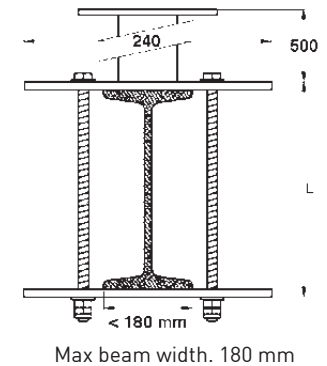


Anchor mounted galvanised posts

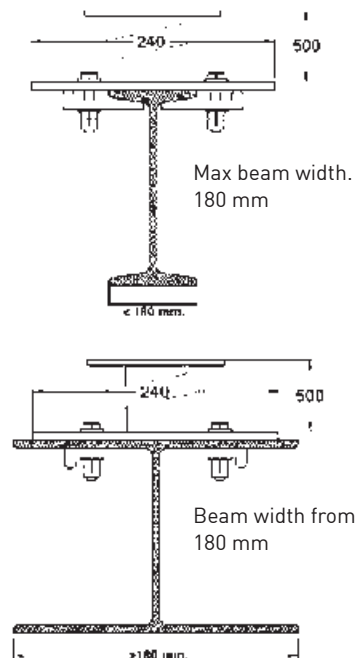
PG-10 Galvanised post mounted onto floor



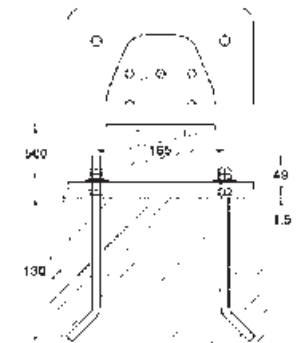
BG-30 Galvanised post fixed in a beam with bracket



PG-20 Galvanised post mounted onto beam with tabs

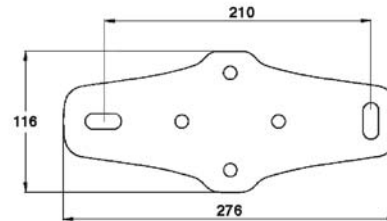


BG-40 Galvanised post mounted onto floor using adjustable bolts to insert into concrete



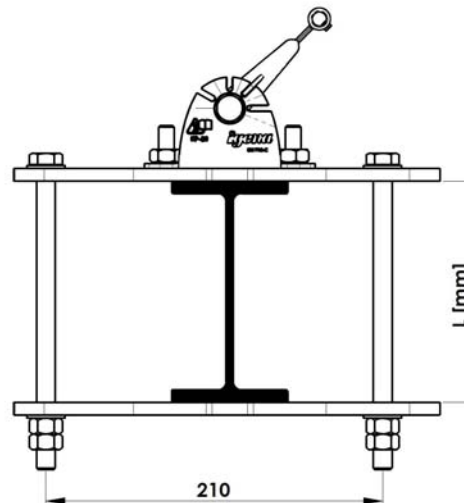
Intermediate anchors/eyebolt mounting stainless steel plates

BC-20 8 mm stainless steel base plate K-20 and KC-20 intermediate anchor mounting



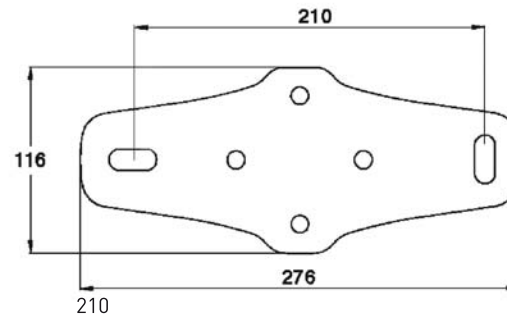
Manufactured with 8 mm stainless steel Allows for horizontal and vertical positioning. Its inverted elongated augers allow for easy installation and alignment. COMPATIBLE with FA-10 and FX-10 eyebolts as well as wall reinforcement for installation of intermediate anchors K-20 or SK-20 and K-90 (2 units) multi-purpose curve support.

BC-30 Stainless steel mounting eyebolts for bracket



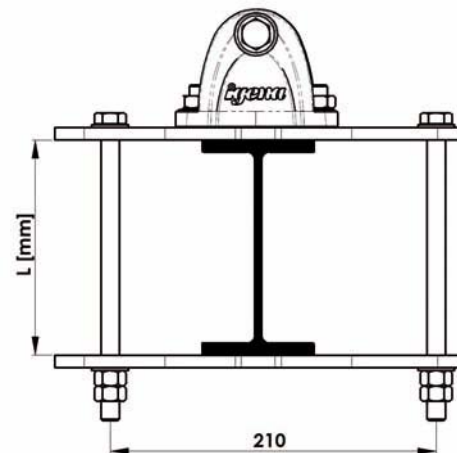
Intermediate anchors/ eyebolt mounting galvanised plates

BG-50 8 mm Galvanised base plate K-20 and KC-20 intermediate anchor mounting



Manufactured with 8 mm galvanised
Allows for horizontal and vertical installation.
Its inverted elongated augers allow for easy installation and alignment.
COMPATIBLE with FA-10 and FX-10 eyebolts as well as wall reinforcement for installation of intermediate anchors K-20 or SK-20 and K-90 (2 units) curve support.

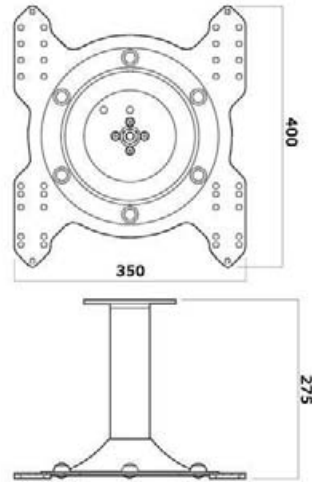
BG-60 Galvanised plate mounting intermediate anchors with use of bracket



Maximum beam width 210 mm.
The length of the fixing bolts will be defined according to the height of beam L.

Mounting for metal roofs

PR-50 Stainless steel post mounting in metal roof



Application example

- 1 u. **PR-50** Rivet post
- 1 u. **X-10** Stainless steel external anchor
- 4 u. **T-20** Screw
- 8 u. **RE-50** Rivets
(for metal sheet > 0,6 mm)



PR 50 THE SECURITY OF POSSESSING THE BEST POST...

APPROVED BY STANDARD UNE 795 C (suitable for lifelines).

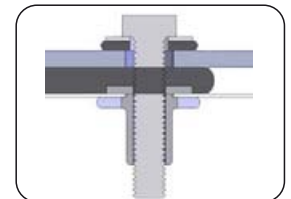
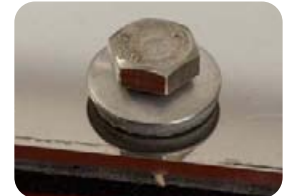
There are currently very few manufacturers have been able to get past this type C standard with demonstrable trials. This is because only posts with standard UNE 795 A (involving fewer requirements, suitable for anchor points only) are being marketed and that are subsequently positioned/modified at the installer's risk. Tests conducted by the prestigious LGAI – Applus laboratory with No. 08/31700289, clearly demonstrate that our entire new range far exceeds the minimum requirements of standard 795 C (suitable for lifelines).

THANKS TO ITS DOUBLE WATERPROOFING SYSTEM.

The PR50 post removes any risk of leaks or drips as it comes with sealing protection for high density EPDM roofs that prevents contact between the two metal surfaces, protecting said roofing. We have also added HX 10021 sealing washers to all mountings.

THANKS TO OUR SAFER MOUNTING SYSTEM.

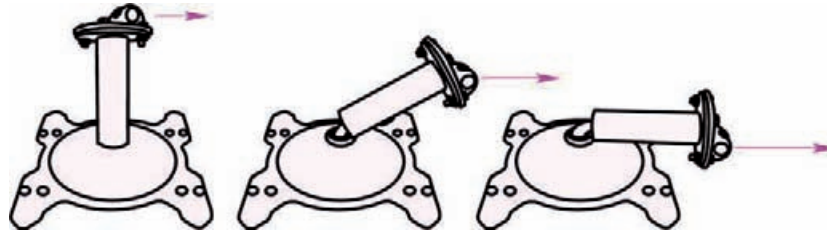
Mounted with 8 threaded "flower" rivets, with mechanical resistance 4.5 times greater than normal self-tapping screws (which damage roofs and require multiple perforations to be made).



THANKS TO ITS NEW FALL ENERGY RECOVERY CONCEPT.

Combining its habitability and energy absorption system, all the kinetic energy from a fall is transformed into deformation work resulting in a gradual braking, thus eliminating impact. The added height of the PR50 post is another advantage (greater passage comfort and ability to overcome structural elements).

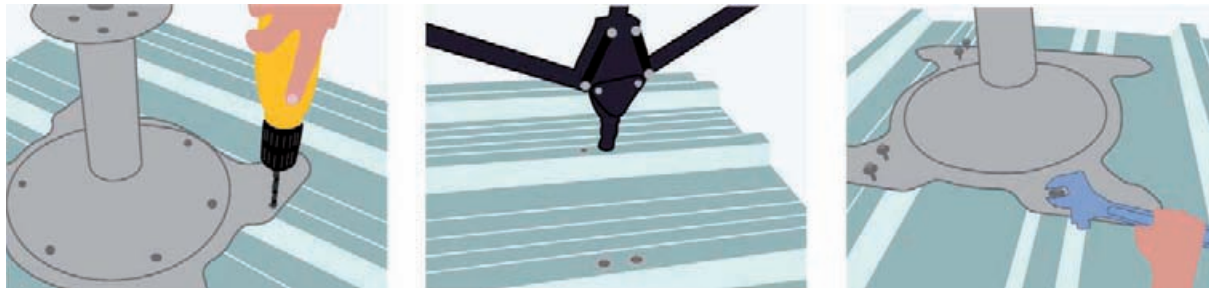
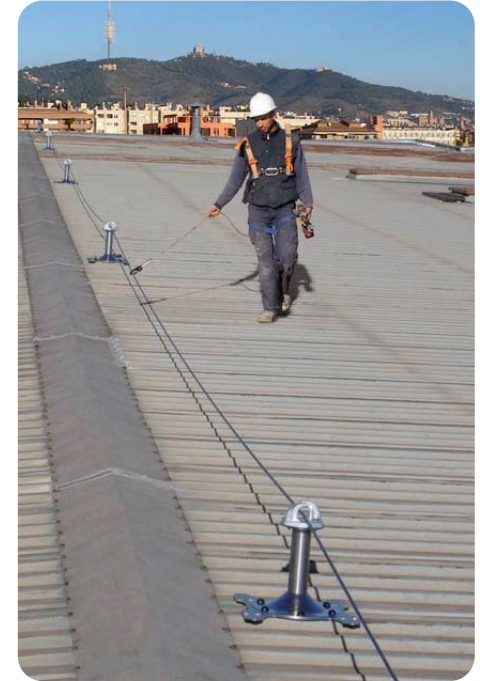
Its conical shape allows absorption of symmetrical shaped forces up to 360°, unlike other pyramidal shapes with straight profiles.



THANKS TO ITS VERSATILITY AND EASY INSTALLATION.

The original configuration of the augers at the base allows the installer to install it in all panel and metal sheet formats (over 200 listed). With just 8 mounting screws on the panels >0.5 mm, allows a great saving in assembly time. Together with simple line post design but without sacrificing style and shapes that are easy on the eye, the high quality materials used (100% stainless steel), very competitive price and delivery terms means that our posts are considered the BEST POST on the market.

A separation of 10 to 15 metres is recommended between PR 50 (opening) posts.



TECHNICAL INFORMATION

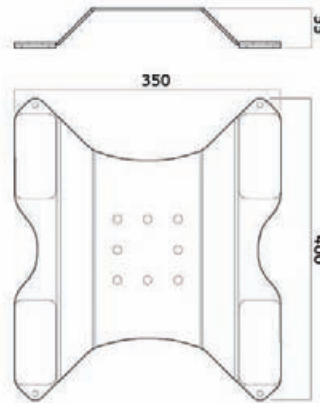
While Standard UNE 795 C does not define the separation distance to be observed when mounting the posts, "NEWTON's" law of gravity is the most likely criterion to be applied for manufacturers when working with their force and deflection spread sheets (The force involved when a person falls can exceed 2 Tons at the anchor tips).

While lines can technically be made with openings greater than 50 meters, in reality, the force exerted in the anchor tips is very big (with the requirement to use energy absorption systems) and deflection in the event of a huge fall, which can exceed 7 meters.

A clear everyday example of this is an arch deflection or a guitar string: no matter how taut the strings are, the centre shifts very easily and effortlessly with only a little force, from exponentially increasing the force at the ends.

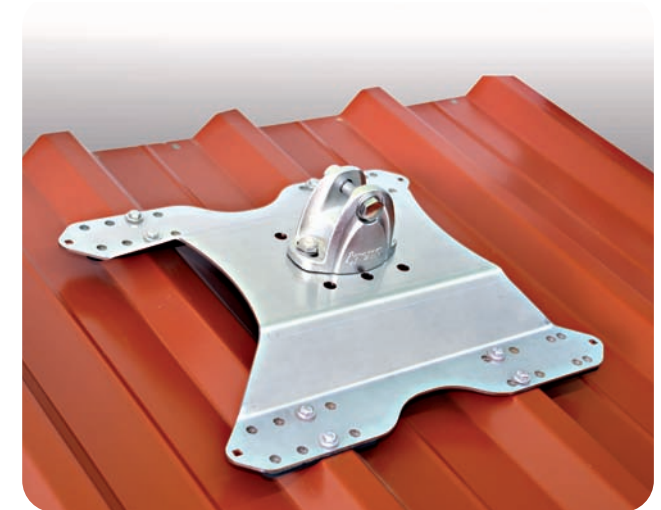
The positioning of intermediate anchors in a lifeline is therefore required for technical reasons (reducing external force and decreasing the fall distance) and these are only removed for economic reasons, posing the corresponding threat to the user.

SR-50 Stainless steel stand mounting in metal roof



Sample application in sandwich panel

- 1 u. **SR-50** Rivet Stand
- 1 u. **K-10** Stainless steel external anchor
- 4 u. **T-20** Screws
- 16 u. **RE-50** Rivets (for sandwich panel = 0,5 mm)



Distances between centres of fret pattern

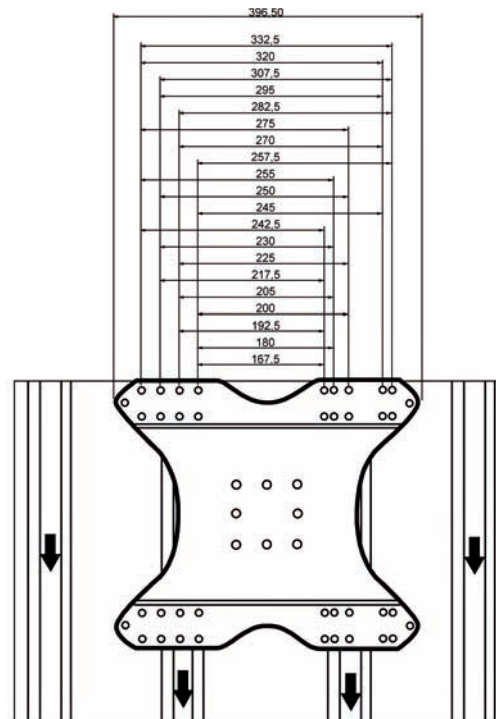


Detail EPDM waterproofing

Designed with economic mounting systems in mind, and complying with standard UNE 795 class A and C, with the same cutting edge mounting and waterproofing technology of the PR-50 post

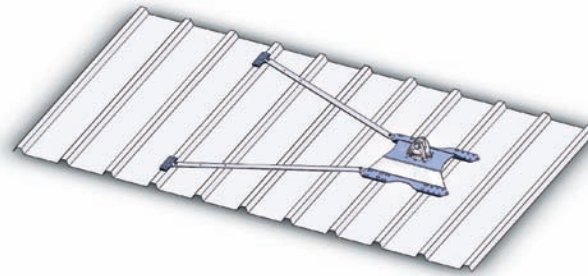
Made entirely of stainless steel, masterfully combining modern features with a sleek and proportioned outline, allowing the positioning of lifelines on metal roofs quickly, safely and easily without having to cut the corrugated sheets or panels for mounting onto the supporting structure.

The height of the SR-50 stand, standing at only 60 mm, reduces the visual impact of the lifeline and reduces the bending torque that occurs on the roofs during a fall, protecting the roof itself.



Identical dimensions for PR50

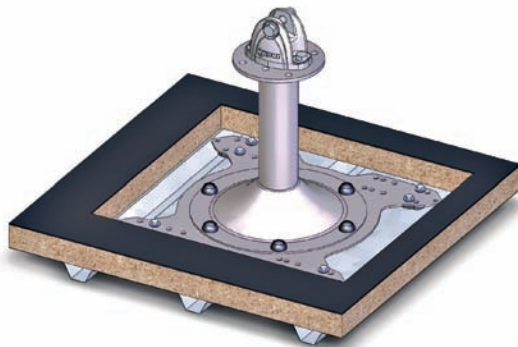
ARM-50 Reinforcement arms for metal roofs



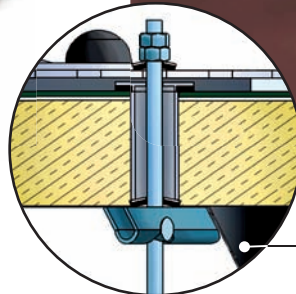
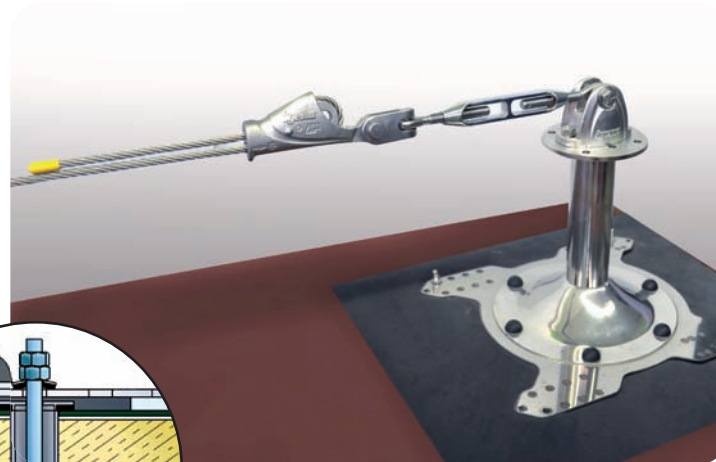
Manufactured in stainless steel, measuring 750 mm long, with adjustable lengths and angles, the ARM 50 arms connected to the PR50 posts or SR 50 stands allow the mounting points and the forces to be distributed across several different plates. The use of the reinforcement arms for metal roofs does take away from the requirement to check the correct installation of the sheets to the supporting structure before positioning the lifeline.



Deck roofs



Direct mounting to metal with RE50 rivets



Detail of overlaying mounting with compression tube and rocker arm bolt

Set-50 for RE50 rivets

Set of tools for fitting RE-50

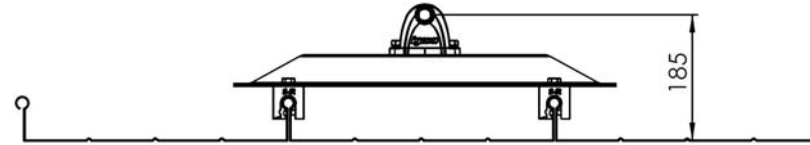


Set-55 for RE55

Set of tools for fitting RE-55

Mounting for standing seam roofing

SR-60 STAINLESS STEEL stand for mounting onto standing seam roof ribs

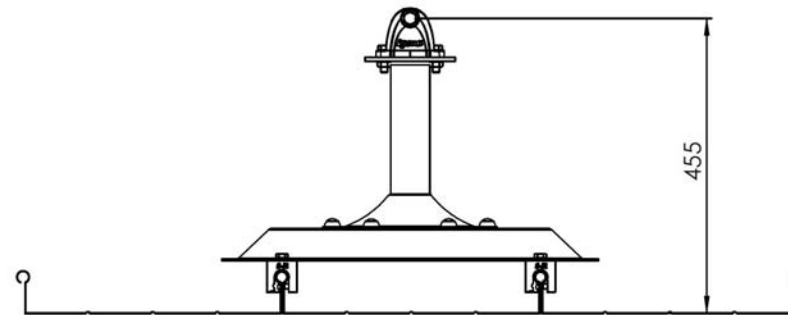


The most economical and reliable mounting system on standing seam roofs without the need for expensive drilling and waterproofing, continuing to guarantee the sealing of the roof. Suitable for a range of materials such as steel, aluminium, copper, zinc, etc.

Choosing the most appropriate staples for the roof profile and indicating the separation between DCJ nerves (mm) will let us know the most appropriate SR60 stand model for your roof.



PR-60 STAINLESS STEEL deformable post for mounting onto standing seam roof ribs



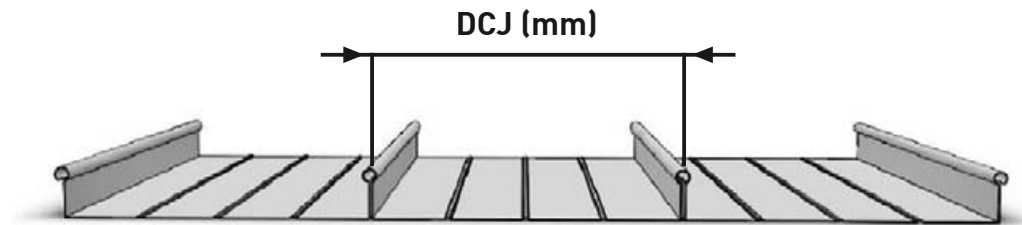
The increased height of the lifeline on the roof makes it more comfortable to use and allows larger openings for installation of the anchors.



Mounting for standing seam roofing

Standing seam roofs are composed of a series of metal trays (steel, aluminium, zinc, etc.) bracketed together and characterized by the absence of either an auger or perforation in the entire surface, thus guaranteeing sealing. That is why IGENA has developed a **mounting system mechanical staples that directly attach to the gasket** that does not alter the characteristics of the roof and ensures sealing.

This must provide the DCJ (joint spacing) and the dimensions of the joint profile to select the most appropriate mounting



GR-10
Aluminium staple standing
seam for Round Point

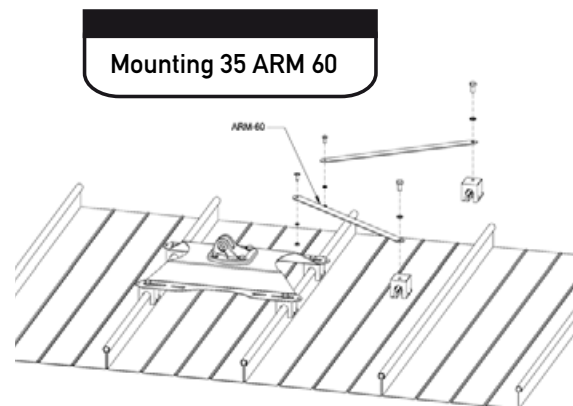


GR-20
Aluminium staple standing
seam for flat clamp



There are several profiles to adapt to seamed roofing. It will be necessary to use the right staple for each model.

ARM-60 Reinforcement arms in standing seam roof



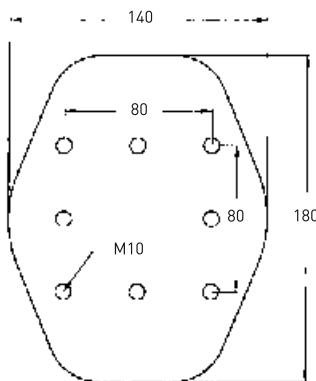
In certain cases, the anchor tips or the corners of the lifelines need to be reinforced with a reinforcement arm. These arms better distribute the force of a fall over a larger roof surface. The separation between the roof joints must be indicated for the correct choice of arm length.



Steel plates for anchors

MULTI
options

PS-14 Threaded plate for anchors to be welded in steel structures



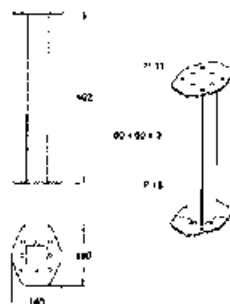
Manufactured in 12 mm ST 37 steel **COMPATIBLE** with **ALL** anchors in any position with 8 M-10 threaded augers. Also attaches to stainless steel column post P-350 and P-500



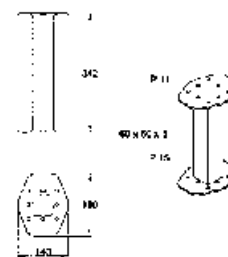
Example of application M 19
1 u. **PS-14** Plate to be welded
1 u. **P-500** Stainless steel column height 500 mm
8 u. **T-35** Screw



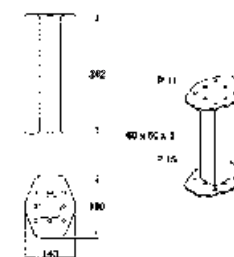
P-500 500 mm post stainless steel column



P-350 350 mm post stainless steel column

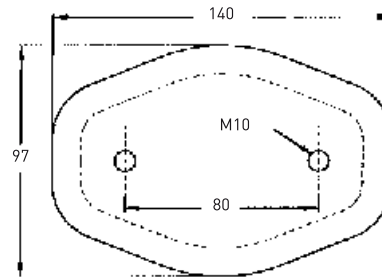


PG-300 300 mm post galvanised column



Steel plates for anchors

PS-16 Threaded plate for eyebolts to be welded in metal structures



Manufactured in 12mm ST-37 steel COMPATIBLE with K-10 anchor tips and K-20 and KC-20 intermediate anchors through two M 10 threaded augers



Application example

- 1 u. **K-20** FAST Multi-purpose intermediate anchor
- 2 u. **T-37** Screw

Application example

- 1 u. **K-10** FAST anchor tip
- 2 u. **T-30** Mounting screw

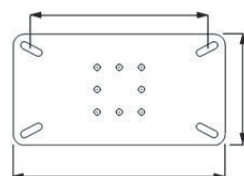
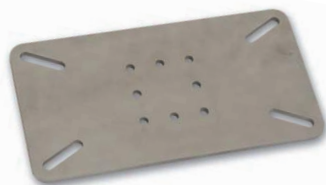


Special stainless steel **plates and posts**

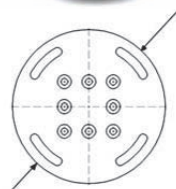
We manufacture all types of supports to order. Quick processing of orders.



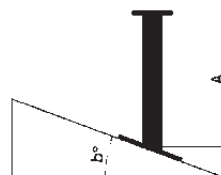
LV tip cable-stayed post.
(more than 1000 mm)



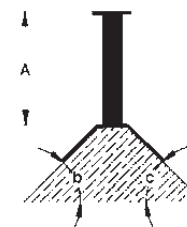
BA-10 plate
special made to measure width.
(Indicate beam size)



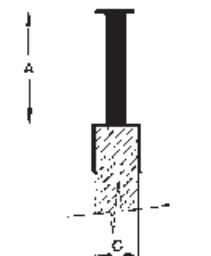
BA-10 plate
special circular mounting in wall



model P-10SI
Special tilted base stainless steel post



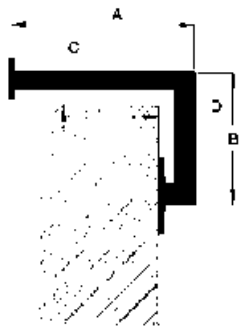
model P-10/S2A
Special stainless steel post over two
waters



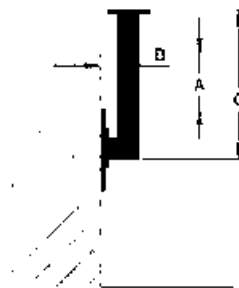
model P-10/SM
Special stainless steel post mounted
to the wall

Special stainless steel plates and posts

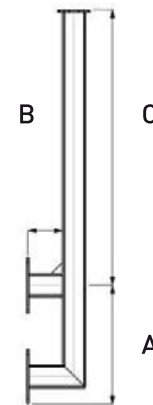
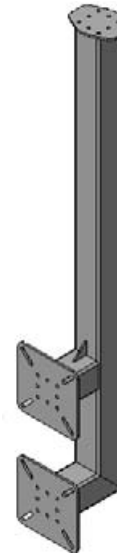
Exclusive manufacture of special steel posts.
A minimum orders required for special galvanized steel posts.



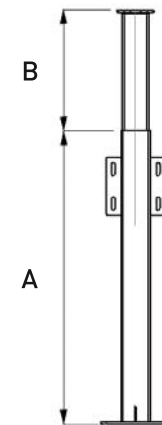
Model P-10/SU
Special U stainless steel post



Model P-10/SL
Special lateral stainless steel post



Model P-10/SLL
Mounting of post on vertical wall



Model P-10/T
Telescopic steel | Stainless steel post

Signage

S-10 Plate signage



210 x 150 mm obligatory plate.
Includes engraving of
manufacturing serial number.

Seals

S-20 Numbered security seal



Seal to prevent
tampering of tensioner.
Includes engraving of
manufacturing serial
number.

Set of 2 units.

S-21 METALLIC numbered security seal (personalised)



Manufactured in 200m
long stainless steel cable
Installation via both
tensioner nuts. 2 units

Presentation

PUB-40



Box 80 x 80 cm

PUB-50



120 x 80 cm Box
– European pallet –

PPE Personal Protection Equipment

Safety accessories approved for use in safety cables (lifelines) and eyebolts.
Descenders and rescue equipment also available. Personalised study according to requirements.

EPI-10 Safety harness with rear anchor



approved according to
standard EN 361

EPI-20 Safety harness with rear and pectoral anchor



approved according to
standard EN 361

EPI-30 1m energy absorber

Approved according to standard EN 355.
1m Ø 12 mm anchor cord system with
energy absorber and 10 mm carabiners.



EPI-40 2m energy absorber

Approved according to standard EN 355.
2 m Ø 12 mm anchor cord system with
energy absorber and 10 mm carabiners.



EPI-50 Helmet

Light, well ventilated and comfortable helmet.
Its design has been studied comprehensively to
protect not only the head but also the frontal,
temporary and occipital elements.
Approval: EN 397 / Weight: 410 g.



EPI-60 carabiner

Symmetrical carabiner with continuous
bending radius. Glides well along cables,
anchors and other tools.
Approval: EN 3662



EPI-70 Retractable block

Cable and tape model in a range of lengths.
Approval: EN 360.



EPI-80 Installation set

Range of lengths (5 to 25 mm).
Approval EN 353-2.



EPI-90 L.V. Textile

20 m length.
Approval: EN 795 B.



Mountings | Screws | Bolts | Rivets

Stainless steel screw

T-10 Stainless steel screw mounting anchors and eyebolts to base plate



Supplied in bag of 4 units for BA-10, BA-20, BA-30, BA-40, BC-10, BC-20 and BC-30.

T-20 Stainless steel screw mounting anchors and eyebolts to post support



Supplied in bag of 4 units for P-10, P-20, P-30, P-40, P-11, PG-10, PG-20, PG-30, PG-40, PR-50 and SR-50.

T-30 Stainless steel screw mounting anchors and eyebolts to welded plate



Supplied in bag of 4 units for PS-14, PS-16, AD-10, P-13 and P-17.

T-35 Stainless steel screw mounting post column for welded plates



Supplied in bag of 8 units for mounting of P-500, P-350 post column and PG-300 to PS-14 plates.

M12 stainless steel mounting bolts

T-500 M-12 stainless steel chemical bolts



M12 Resin cartridge+wire mesh+Threaded rod set 316 stainless steel for BA-10, P-10, PG-10, BC-10, BC-20, BG-10 and BG-50. Sold in a set of 10 units.

T-300 M-12 stainless steel metal bolt



Sold per unit for BA-10 and BC-20 plates and P-10 and PG-10 posts.

M10 stainless steel mounting bolts

T-400 M-10 stainless steel chemical bolt



M10 Resin cartridge+wire mesh+Threaded rod set 316 stainless steel for all anchor and eyebolt models. Sold in a set of 10 units.

T-200 M-10 stainless steel metal bolt



Sold per unit for all anchor and eyebolt models.

Mounting for metal roofs

RE-50 "Flower" rivets



Supplied in bags of 8 units for PR-50 and SR-50 0.6 mm metal sheet and 16 units for sandwich panel. (sheet = 0.5 mm)

RE-55 Rocker arm bolt to superimpose on deck roofs



For mounting on Deck roofs, with SR-50 stand systems superimposed onto the roof.

GR-10 Aluminium cleat standing seam for Round Point



For PR-60 post and SR-60 stand (i.e. KALZIP, BEMO).

GR-20 Aluminium cleat standing seam flat clamp



For PR-60 post and SR-60 stand (clamp joint).

Tools

BRK-10 Semi-automatic riveting

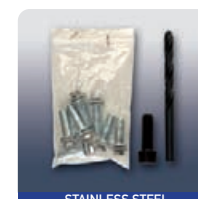


Lever riveted multi-dimensional device. Manual screwing and unscrewing of adaptable nut using operating lever. Course adjustment using knurled top.

RK-M6 6 metric rivet outlet replacement



SET-50 For RE-50 rivets



Tool set for positioning of RE-50.

SET-55 For RE-55 rivets



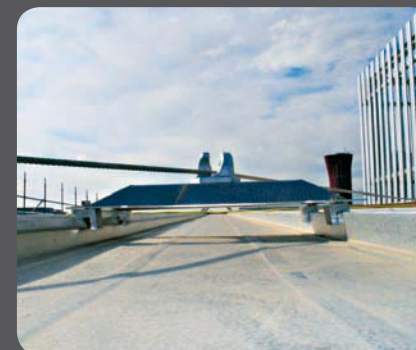
Set of tools for positioning of RE-55.



Application



FS | FIBRE CEMENT ROOFS | INVERTED ROOFS | TILED ROOFS | FACADE
ED ROOFS | TILED ROOFS | FACADES AND WALLS | METAL STRUCTURES



FS | FIBRE CEMENT ROOFS | INVERTED ROOFS | TILED ROOFS | FACADE
ED ROOFS | TILED ROOFS | FACADES AND WALLS | METAL STRUCTURES



Repsol



Palacio de Congresos (Málaga)



Gas Natural



Procter & Gamble (Mataró)



C.C. Xanadú (Madrid)



Biomedical research
centre (Barcelona)

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ED ROOFS | TILED ROOFS | FACADES AND WALLS | METAL STRUCTURES



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