

# protective equipment against falls from height



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# Safety harness

**We manufacture harnesses according your own project.**

Available colours of the harness webbings

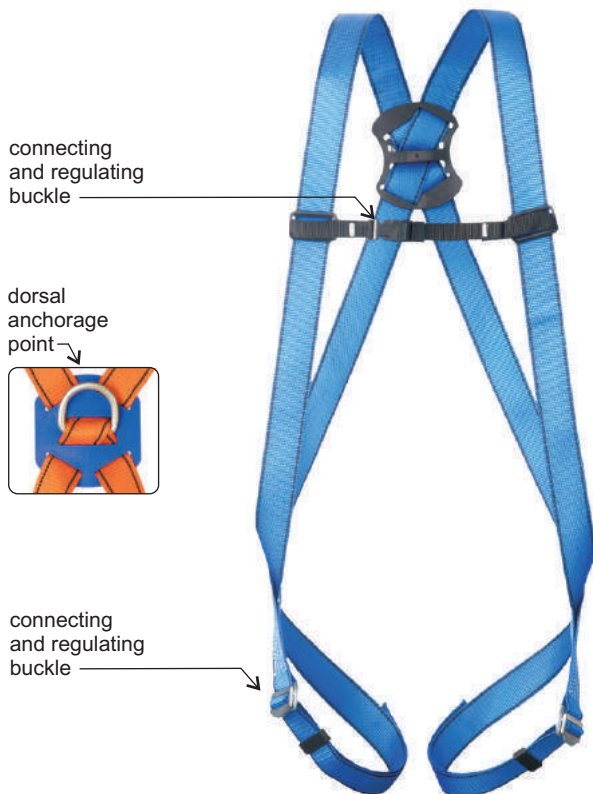


polyamide, 44 mm, others colours on request

Harness buckles

<p>1</p> <p>stainless steel</p> <p>Automatic connecting and regulating buckle for shoulder, leg and belt straps</p>	<p>2</p> <p>aluminum</p> <p>Automatic connecting and regulating buckle for shoulder, leg and belt straps</p>	<p>3</p> <p>stainless steel zinc plated steel</p> <p>Connecting and regulating buckle for shoulder, leg and belt straps</p>	
<p>4</p> <p>stainless steel zinc plated steel black painted steel</p> <p>Connecting and regulating buckle for shoulder, leg and belt straps</p>	<p>5</p> <p>zinc plated steel</p> <p>Connecting and regulating buckle for belt straps</p>	<p>6</p> <p>stainless steel zinc plated steel</p> <p>Connecting and regulating buckle for shoulder and leg straps</p>	<p>7</p> <p>zinc plated steel</p> <p>Connecting and regulating buckle for shoulder and leg straps</p>
<p>8</p> <p>zinc plated steel</p> <p>Regulating buckle for shoulder and leg straps</p>	<p>9</p> <p>stainless steel zinc plated steel</p> <p>Regulating buckle for shoulder and leg straps</p>	<p>10</p> <p>zinc plated steel</p> <p>Regulating buckle for shoulder and leg straps</p>	<p>11</p> <p>zinc plated steel black painted steel</p> <p>Regulating buckle for shoulder and leg straps</p>
<p>12</p> <p>aluminum stainless steel zinc plated steel black painted steel</p> <p>Forged anchorage buckle for harness and belt</p>	<p>13</p> <p>zinc plated steel</p> <p>Forged anchorage buckle for harness and belt</p>	<p>14</p> <p>zinc plated steel black painted steel</p> <p>Forged anchorage buckle for harness and belt</p>	<p>15</p> <p>zinc plated steel</p> <p>Forged buckle for belt</p>

# Safety harness



## P-01 SAFETY HARNESS

EN 361



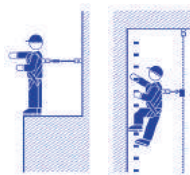
Ref.: AB 101 01

Harness with dorsal anchorage point.

Size: M-XL - 650g

XXL - 660g

One regulation for legs and shoulders straps.



## P-02 SAFETY HARNESS

EN 361 EN 358



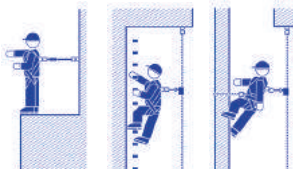
Ref.: AB 102 01

Harness with dorsal anchorage point and work positioning belt.

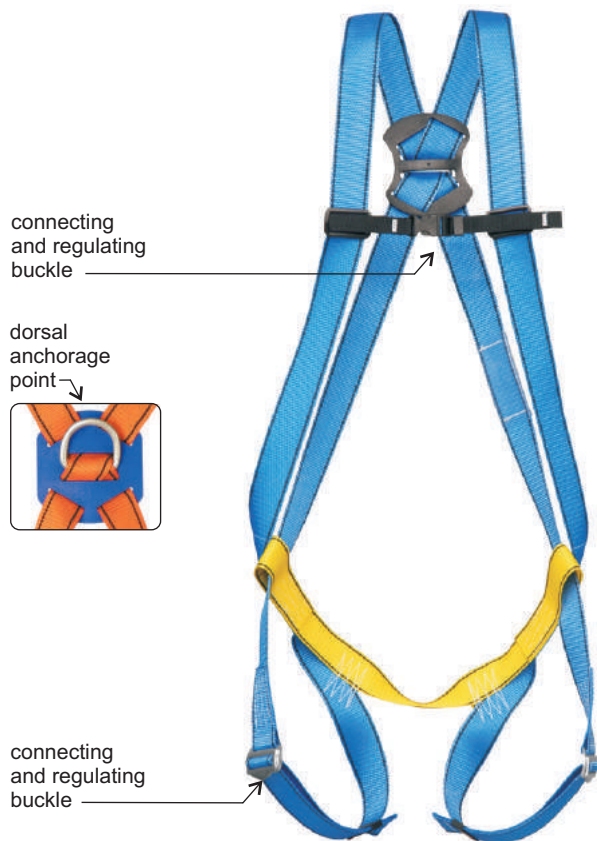
Size: M-XL - 1080g

XXL - 1180g

One regulation for legs and shoulders straps.



# Safety harness



## P-01S SAFETY HARNESS

EN 361



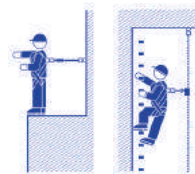
Ref.: AB 101 02

Harness with dorsal anchorage point.

Size: M-XL - 670g

XXL - 680g

One regulation for legs and shoulders straps.



## P-02S SAFETY HARNESS

EN 361 EN 358



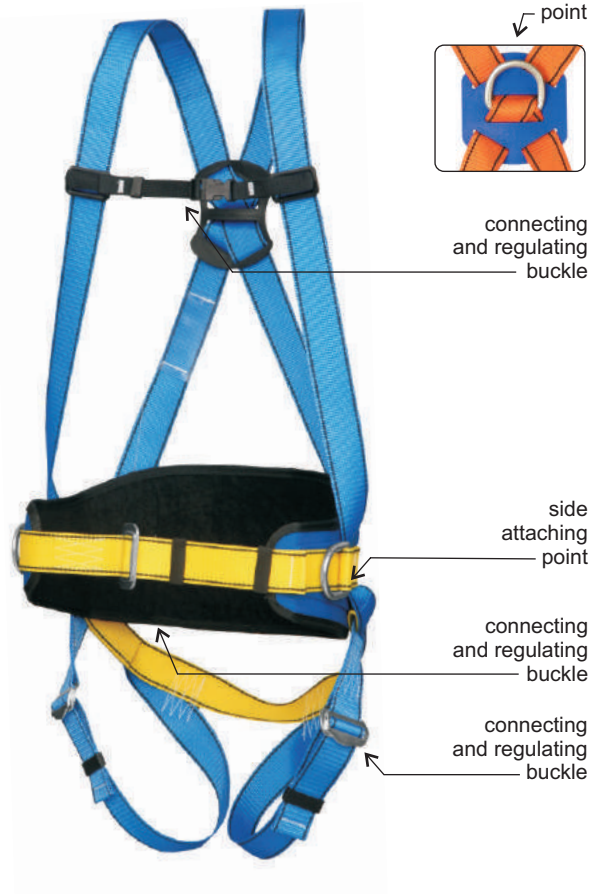
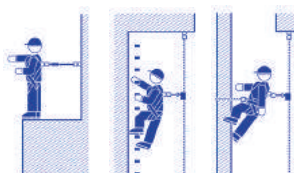
Ref.: AB 102 02

Harness with dorsal anchorage point and work positioning belt.

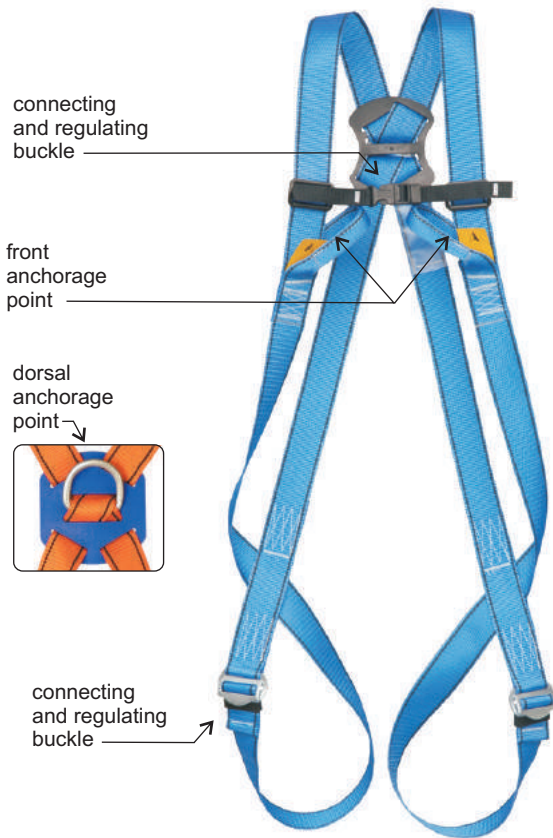
Size: M-XL - 1100g

XXL - 1200g

One regulation for legs and shoulders straps.



# Safety harness



## P-03 SAFETY HARNESS

EN 361



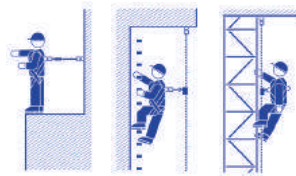
Ref.: AB 103 01

Harness with front and dorsal anchorage point..

Size: M-XL - 690g

XXL - 700g

One regulation for legs and shoulders straps.



dorsal anchorage point

## P-05 SAFETY HARNESS

EN 361 EN 358



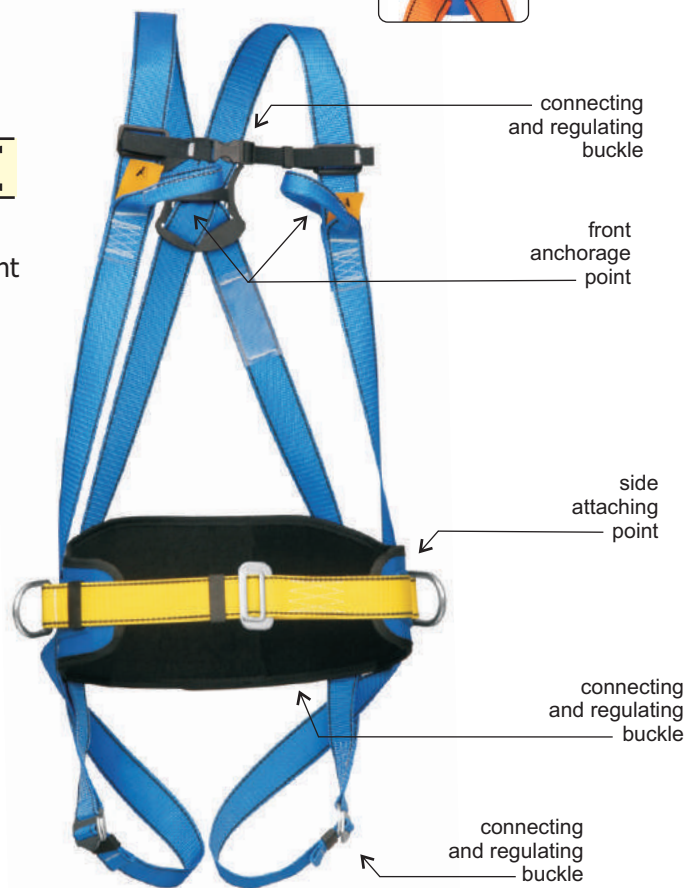
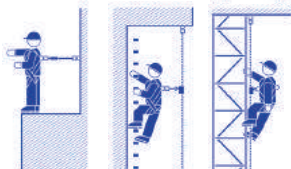
Ref.: AB 105 01

Harness with front, dorsal anchorage point and work positioning belt.

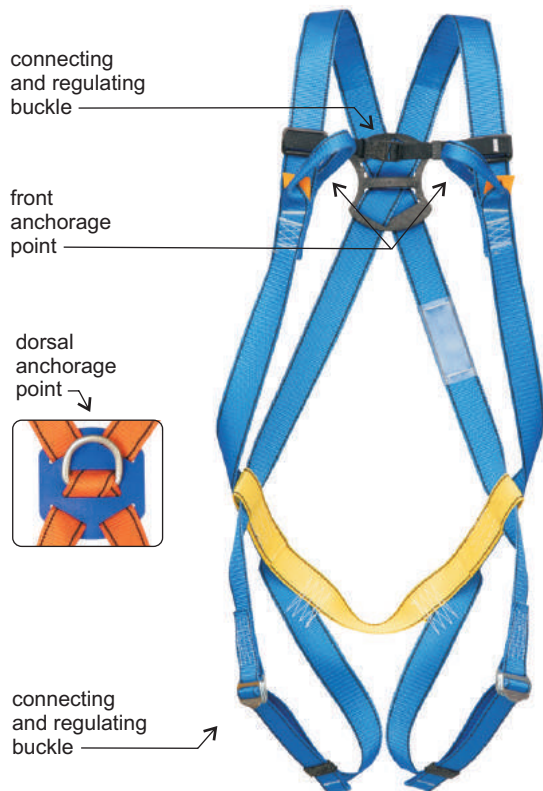
Size: M-XL - 1120g

XXL - 1220g

One regulation for legs and shoulders straps.



# Safety harness



## P-03S SAFETY HARNESS

EN 361



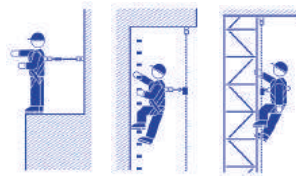
Ref.: AB 103 02

Harness with front and dorsal anchorage point..

Size: M-XL - 730g

XXL - 740g

One regulation for legs and shoulders straps.



## P-05S SAFETY HARNESS

EN 361 EN 358



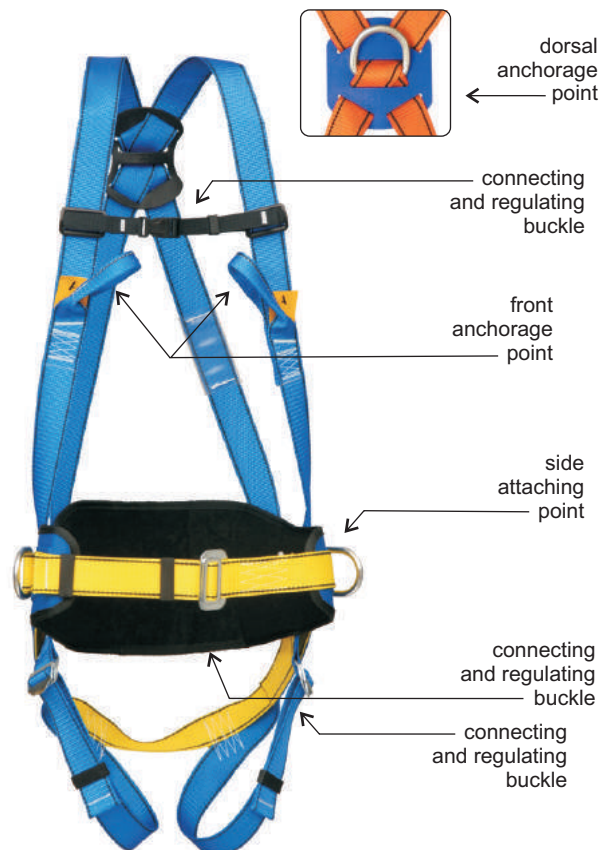
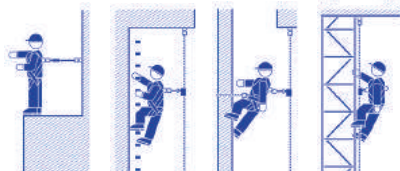
Ref.: AB 105 02

Harness with front, dorsal anchorage point and work positioning belt.

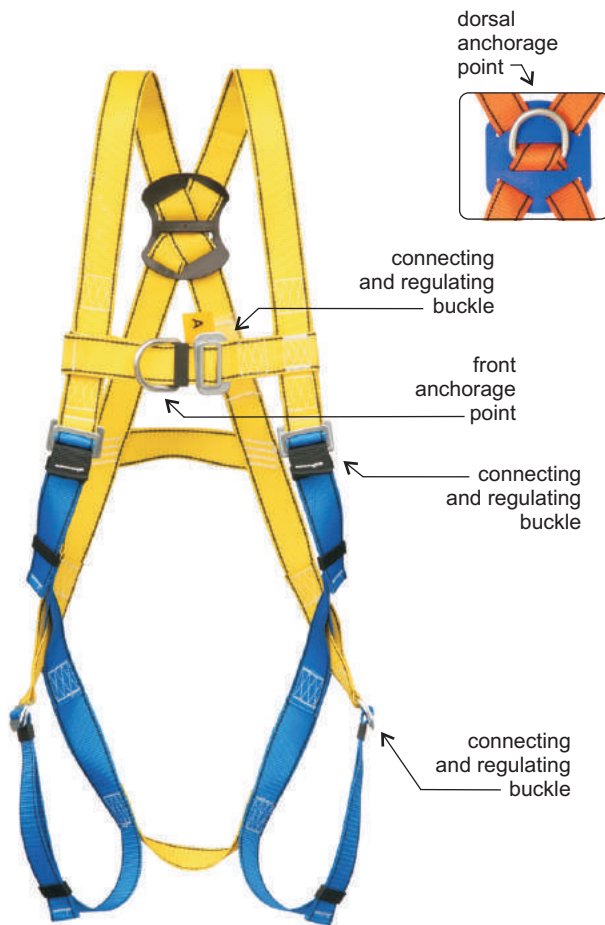
Size: M-XL - 1160g

XXL - 1260g

One regulation for legs and shoulders straps.



# Safety harness



## P-11 SAFETY HARNESS **NEW!**

EN 361

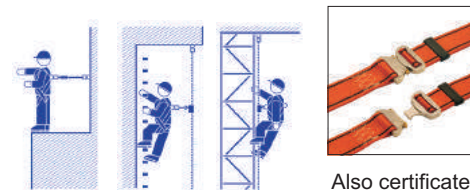


Ref.: AB 110 07

Harness with front and dorsal anchorage point.

Size: M-XL - 1100g  
XXL - 1150g

Separate regulation for legs and shoulders straps.



Also certificate with automatic alu buckles

## P-11C SAFETY HARNESS **NEW!**

EN 361

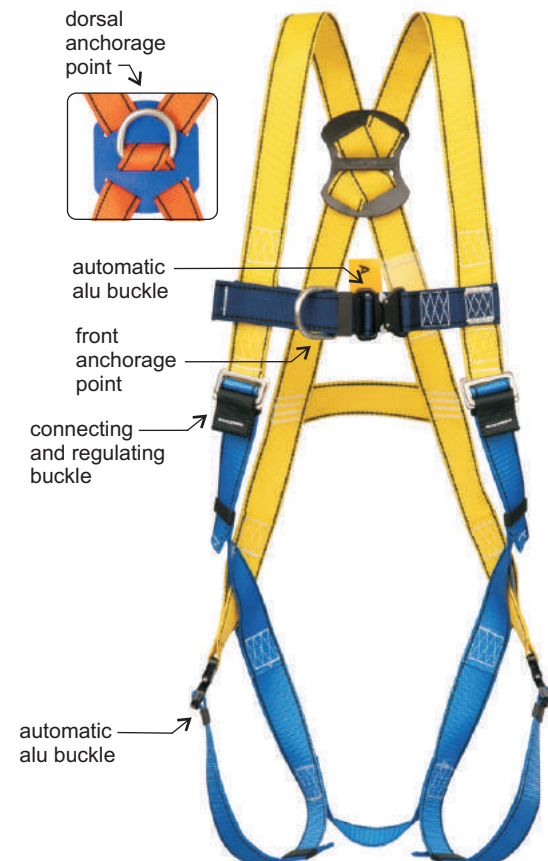
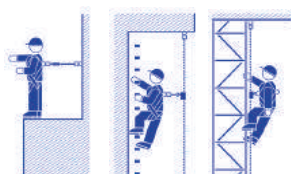


Ref.: AB 110 06

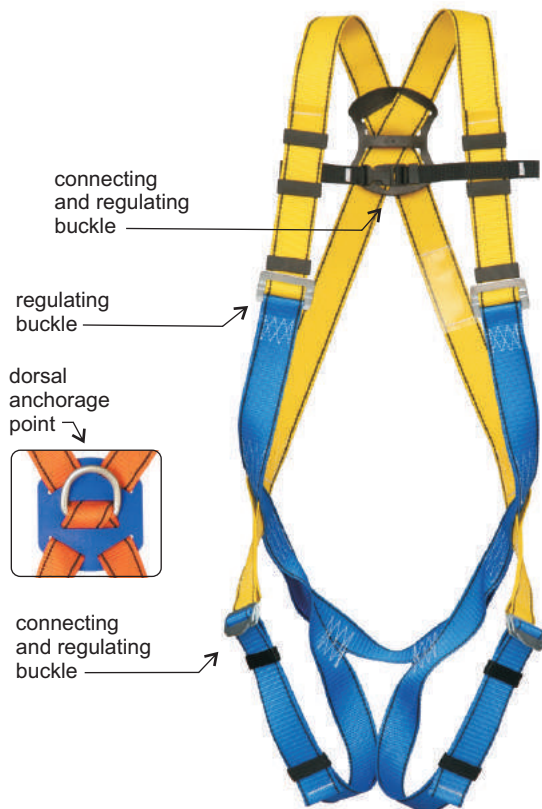
Harness with front and dorsal anchorage point.

Size: M-XL - 1150g  
XXL - 1200g

Separate regulation for legs and shoulders straps.



# Safety harness



## P-10 SAFETY HARNESS

EN 361



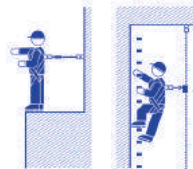
Ref.: AB 110 01

Harness with dorsal anchorage point.

Size: M-XL - 870g

XXL - 900g

Separate regulation for legs and shoulders straps.



Also certificate with automatic alu buckles

## P-20 SAFETY HARNESS

EN 361 EN 358



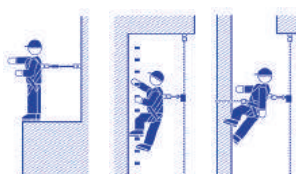
Ref.: AB 120 01

Harness with dorsal anchorage point and work positioning belt.

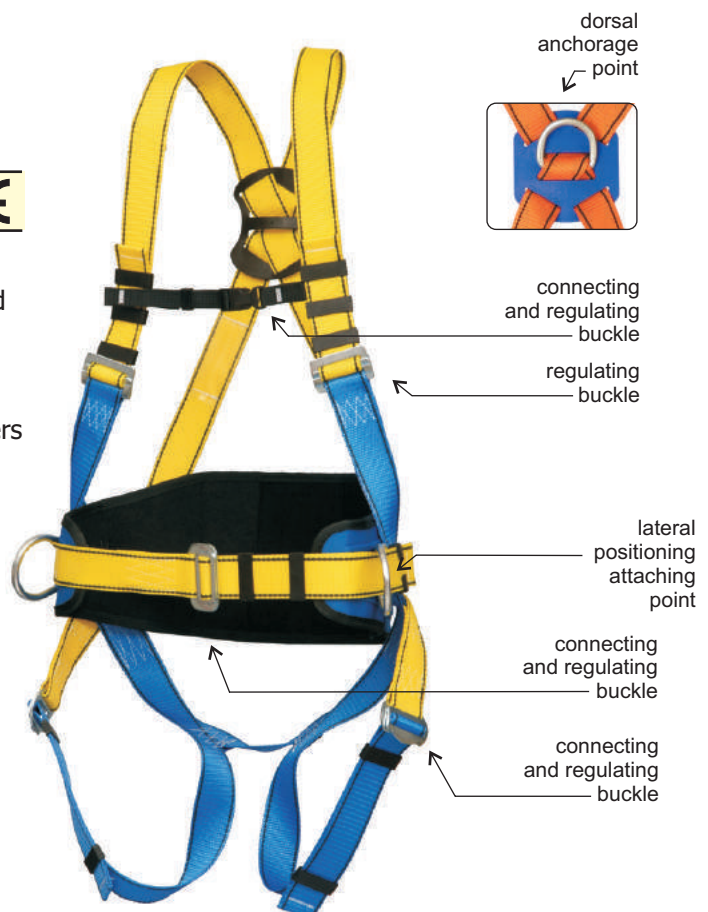
Size: M-XL - 1350g

XXL - 1450g

Separate regulation for legs and shoulders straps.

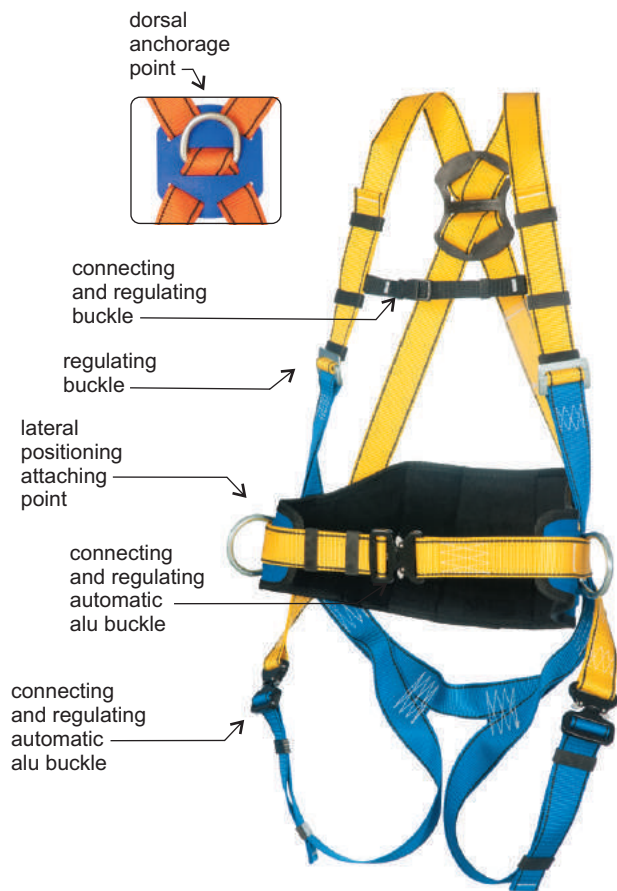


Also certificate with automatic alu buckles





# Safety harness



## P-20C SAFETY HARNESS

EN 361



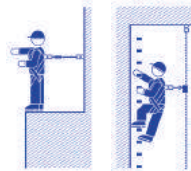
Ref.: AB 120 03

Harness with dorsal anchorage point and work positioning belt.

Size: M-XL - 1400g

XXL - 1500g

Separate regulation for legs and shoulders



## P-30C SAFETY HARNESS

EN 361 EN 358



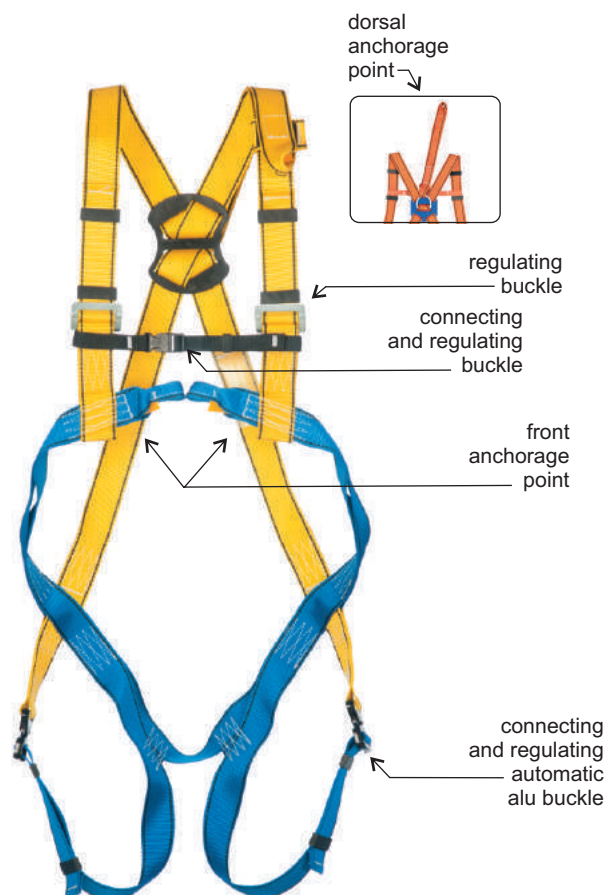
Ref.: AB 130 03

Harness with front and dorsal anchorage point.

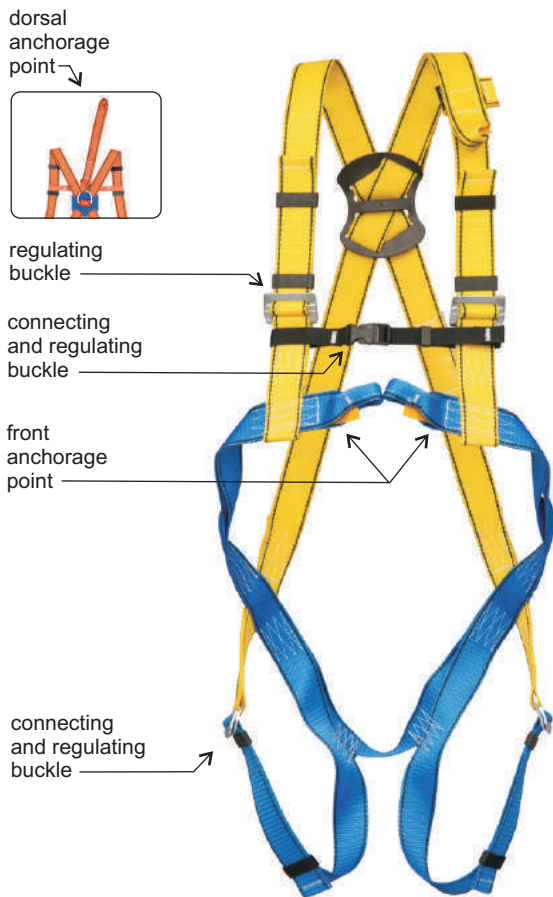
Size: M-XL - 1100g

XXL - 1180g

Separate regulation for legs and shoulders straps.



# Safety harness



## P-30 SAFETY HARNESS

EN 361



Ref.: AB 130 01

Harness with front and dorsal anchorage point.

Size: M-XL - 1000g  
XXL - 1060g

Separate regulation for legs and shoulders straps.



Also certificate with automatic alu buckles

## P-50 SAFETY HARNESS

EN 361 EN 358



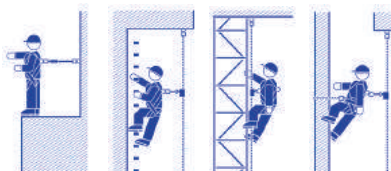
Ref.: AB 150 01

Harness with front and dorsal anchorage point.

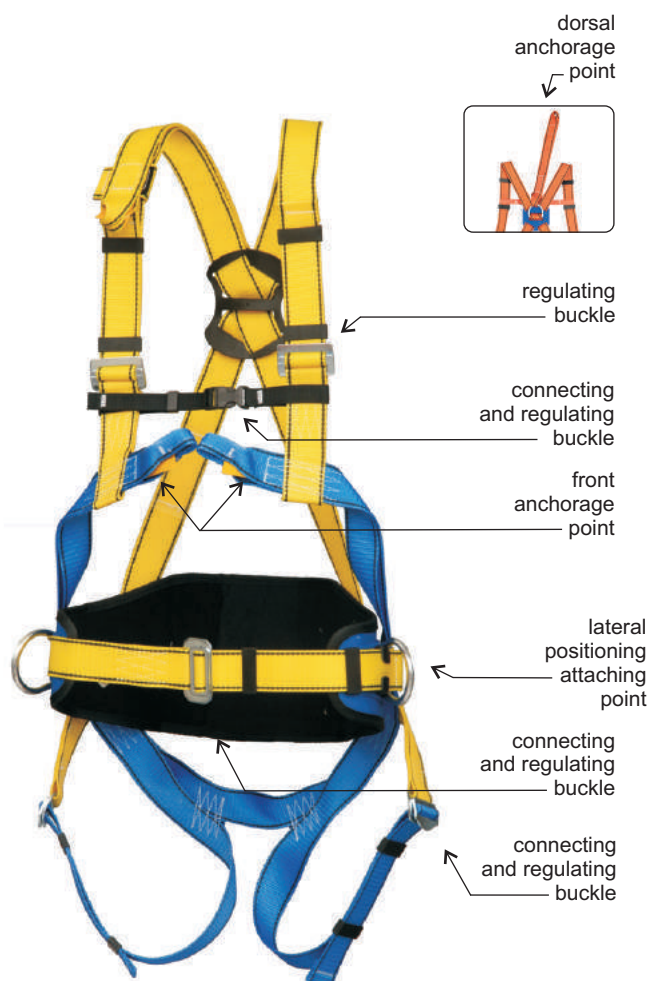
Work positioning belt.

Size: M-XL - 1460g  
XXL - 1600g

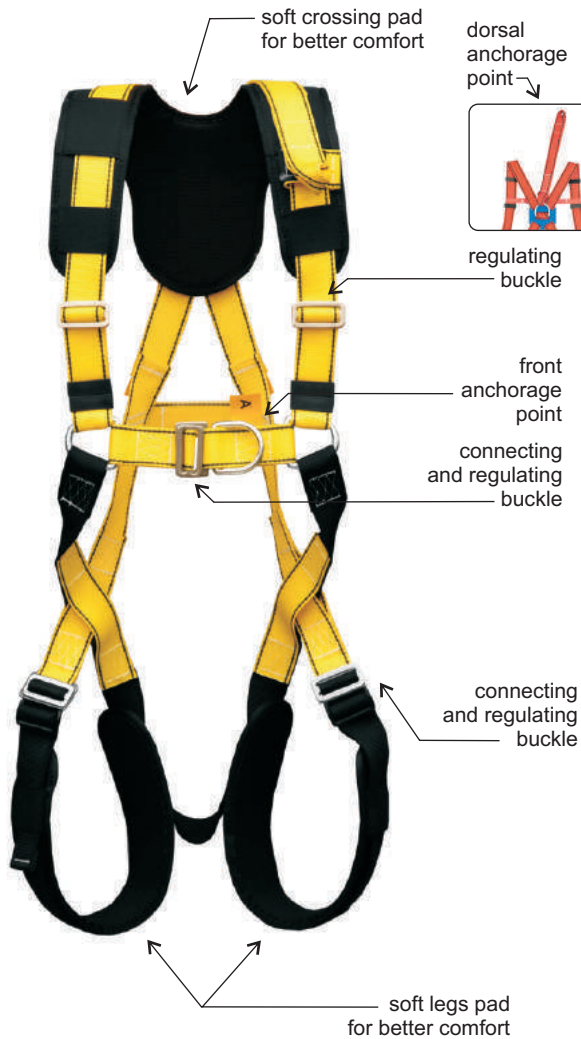
Separate regulation for legs and shoulders straps.



Also certificate with automatic alu buckles



# Safety harness



## P-33EL SAFETY HARNESS **NEW!**

EN 361

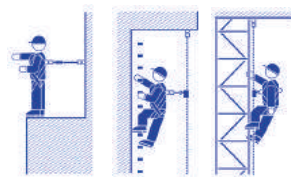


Ref.: AB 133 01

Harness with front and dorsal anchorage point.

Size: M-XL - 1500g  
XXL - 1660g

Separate regulation for legs and shoulders straps.



## P-34EL SAFETY HARNESS **NEW!**

EN 361

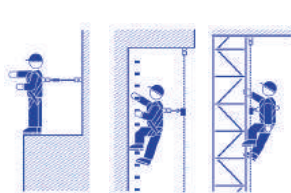


Ref.: AB 134 01

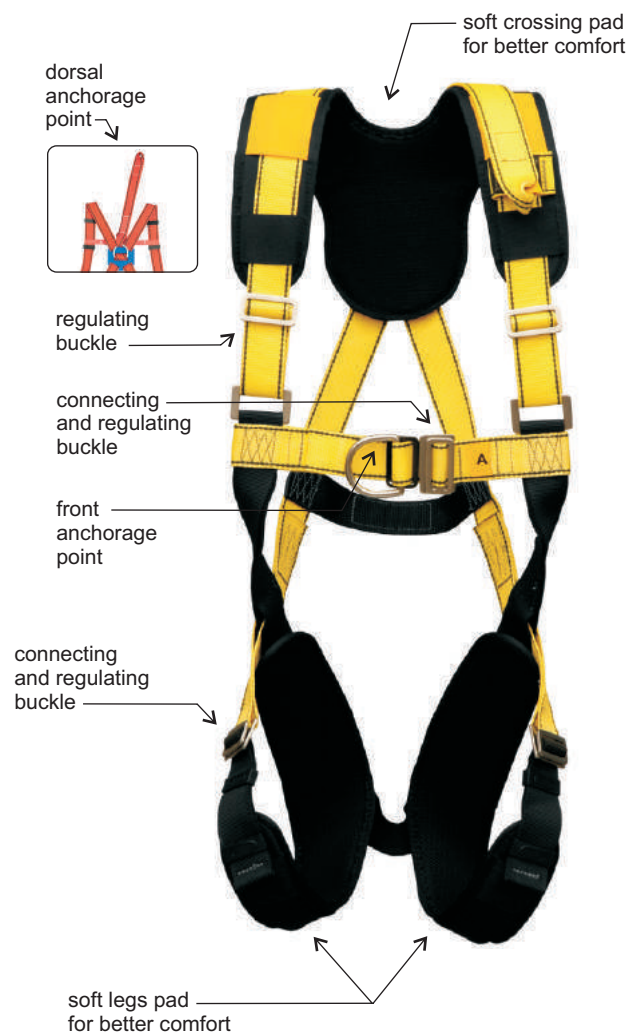
Harness with front and dorsal anchorage point.

Size: M-XL - 1600g  
XXL - 1700g

Separate regulation for legs and shoulders straps.



Also certificate with automatic alu buckles



# Safety harness

## P-36 SAFETY HARNESS

EN 361

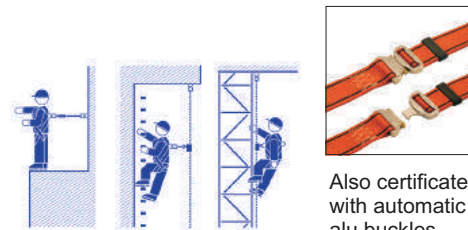
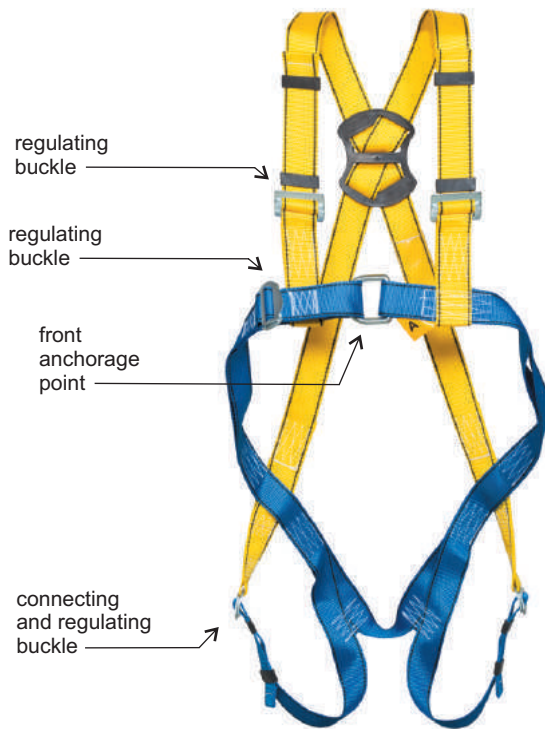


Ref.: AB 136 01

Harness with front and dorsal anchorage point.

Size: M-XL - 1000g  
XXL - 1060g

Separate regulation for legs and shoulders straps.



## P-56 SAFETY HARNESS

EN 361 EN 358



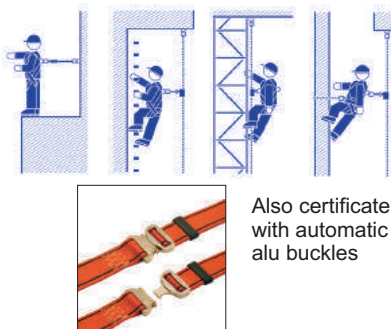
Ref.: AB 156 01

Harness with front and dorsal anchorage point.

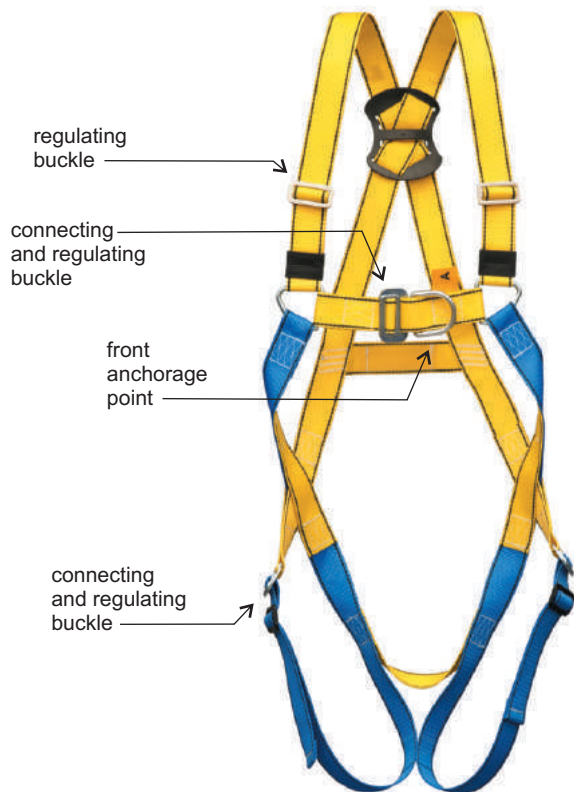
Work positioning belt.

Size: M-XL - 1500g  
XXL - 1640g

Separate regulation for legs and shoulders straps.



# Safety harness



## P-35 SAFETY HARNESS

EN 361

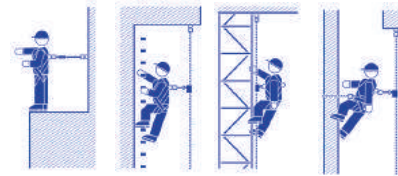


Ref.: AB 135 01

Harness with front and dorsal anchorage point.

Size: M-XL - 1150g  
XXL - 1200g

Separate regulation for legs and shoulders straps.



## P-35E SAFETY HARNESS **NEW!**

EN 361



ELASTIC WEBBING

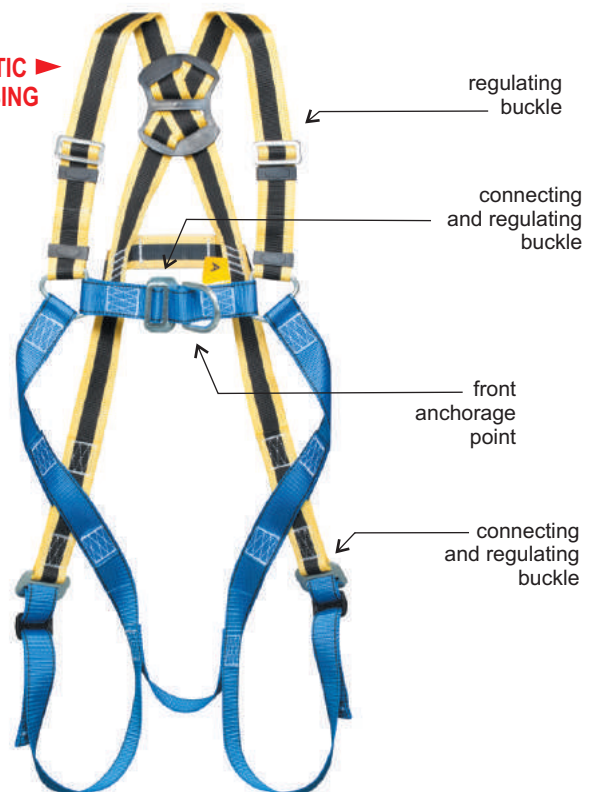
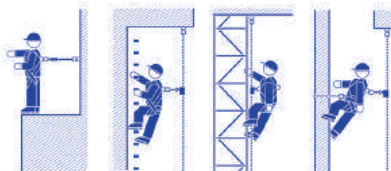
Ref.: AB 135 02

Harness with front and dorsal anchorage point.

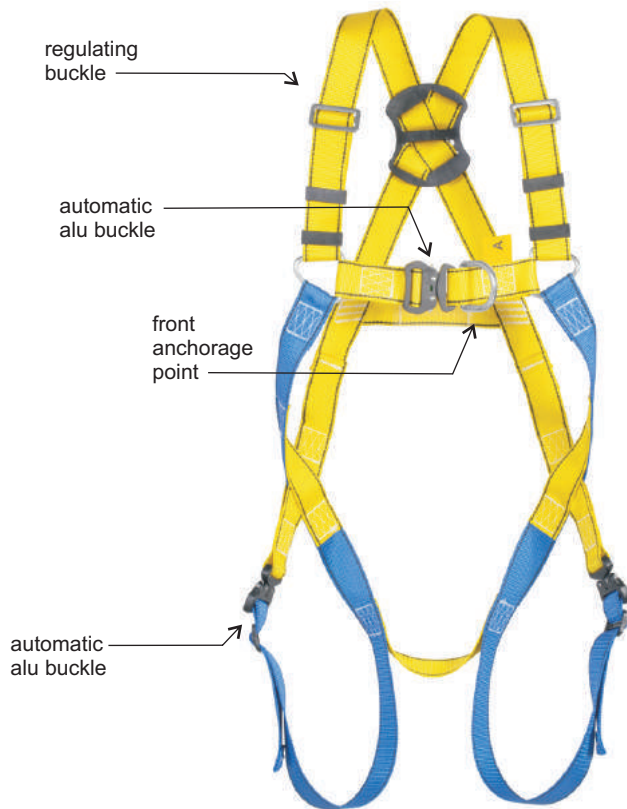
Work positioning belt.

Size: M-XL - 1220g  
XXL - 1270g

Separate regulation for legs and shoulders straps.



# Safety harness



## P-35C SAFETY HARNESS **NEW!**

EN 361

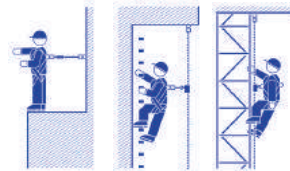


Ref.: AB 135 03

Harness with front and dorsal anchorage point.

Size: M-XL - 1200g  
XXL - 1250g

Separate regulation for legs and shoulders straps.



## P-36C SAFETY HARNESS **NEW!**

EN 361



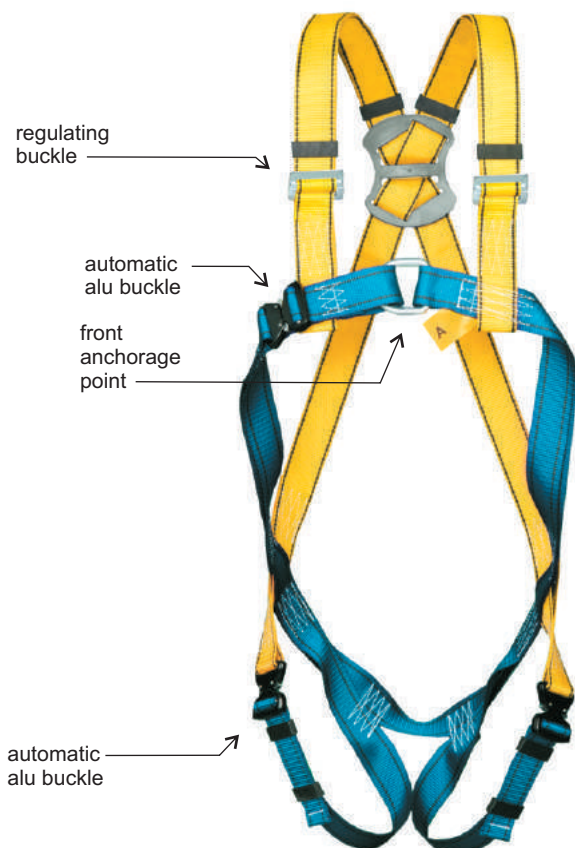
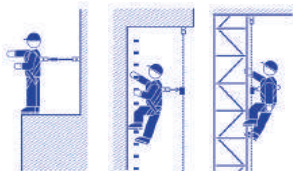
Ref.: AB 136 03

Harness with front and dorsal anchorage point.

Work positioning belt.

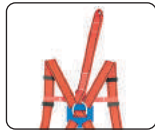
Size: M-XL - 1100g  
XXL - 1160g

Separate regulation for legs and shoulders straps.



# Safety harness

dorsal anchorage point



regulating buckle  
connecting and regulating buckle

front anchorage point



**HIGH VISIBLE WEBBING**

connecting and regulating buckle

## P-30HV SAFETY HARNESS

EN 361

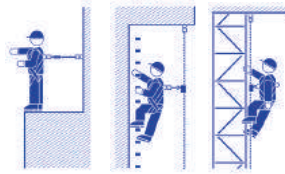


Ref.: AB 130 03

Harness with front and dorsal anchorage point.

Size: M-XL - 1000g  
XXL - 1060g

Separate regulation for legs and shoulders straps.



## P-10R SAFETY HARNESS

EN 361 EN 1497



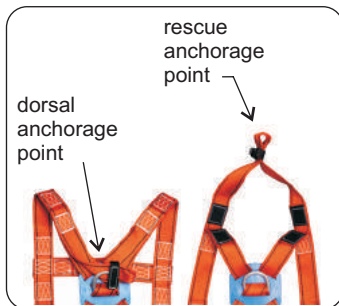
Ref.: AB 110 03

Harness with front and dorsal anchorage point.

Rescue anchorage point

Size: M-XL - 1460g  
XXL - 1600g

Separate regulation for legs and shoulders straps.



rescue anchorage point

dorsal anchorage point

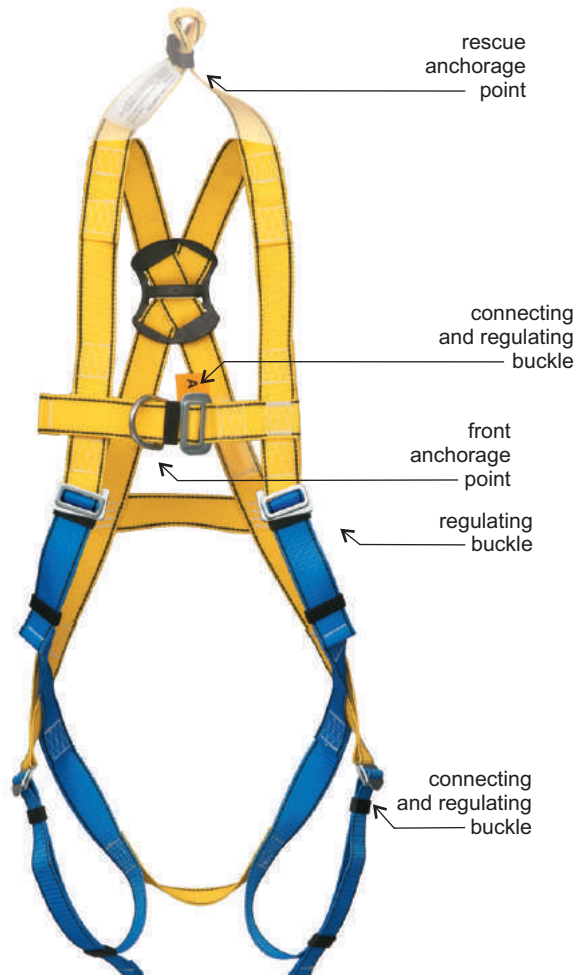
rescue anchorage point

connecting and regulating buckle

front anchorage point

regulating buckle

connecting and regulating buckle



# Safety harness



## P-14R SAFETY HARNESS **NEW!**

EN 361 EN 1497



Ref.: AB 114 01

Harness with front anchorage point.

Size: M-XL - 1600g

XXL - 1720g

Separate regulation for legs and shoulders straps.



## P-15E SAFETY HARNESS **NEW!**

EN 361



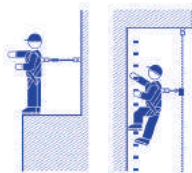
Ref.: AB 115 02

Harness with dorsal anchorage point.

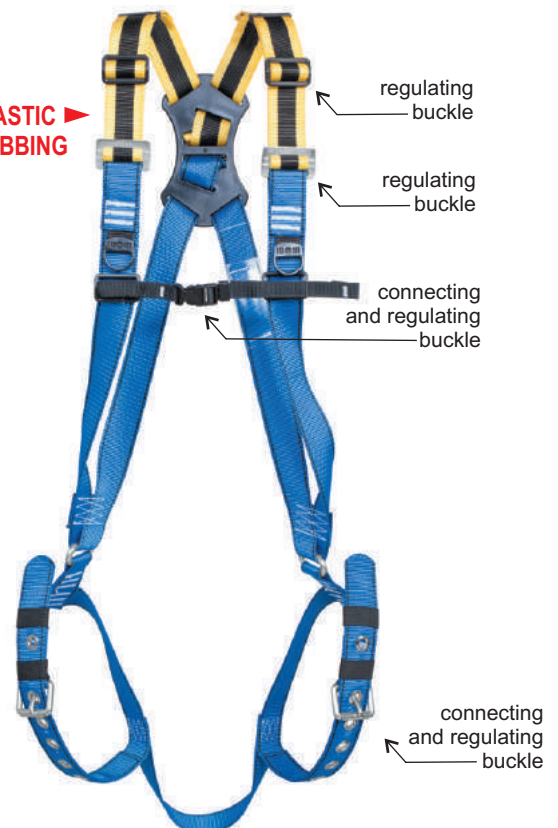
Size: M-XL - 1200g

XXL - 1300g

Separate regulation for legs and shoulders straps.



**ELASTIC WEBBING**





# Safety harness

## P-40 SAFETY HARNESS

EN 361

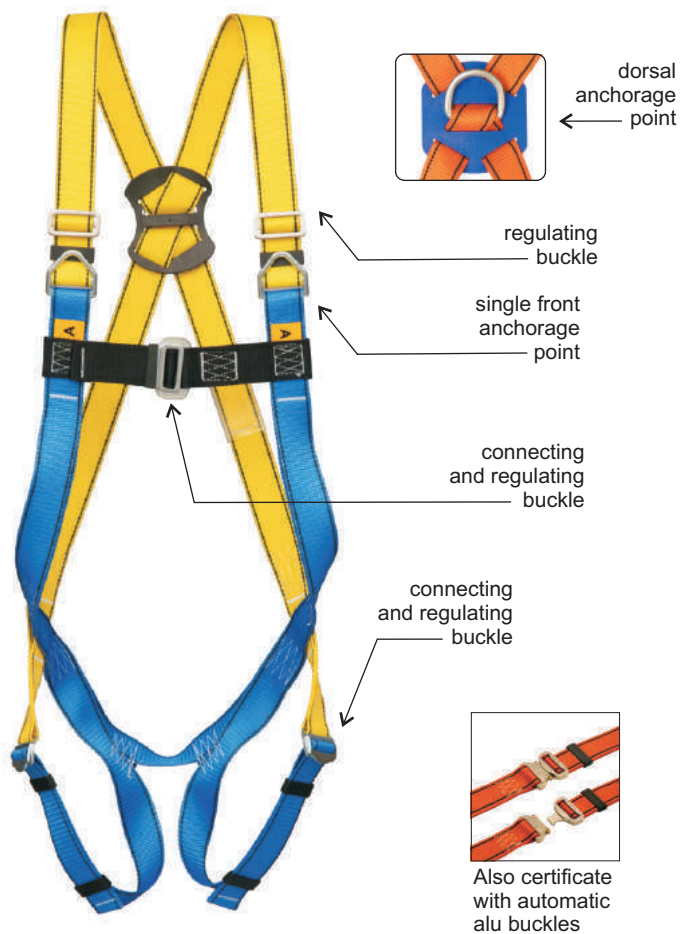
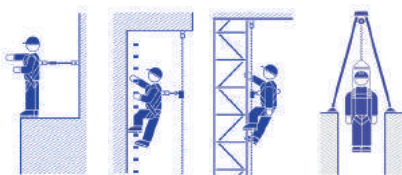


Ref.: AB 140 01

Harness with dorsal and front anchorage points.

Size: M-XL - 1150g  
XXL - 1200g

Separate regulation for legs and shoulders straps.



## P-40A SAFETY HARNESS

EN 361

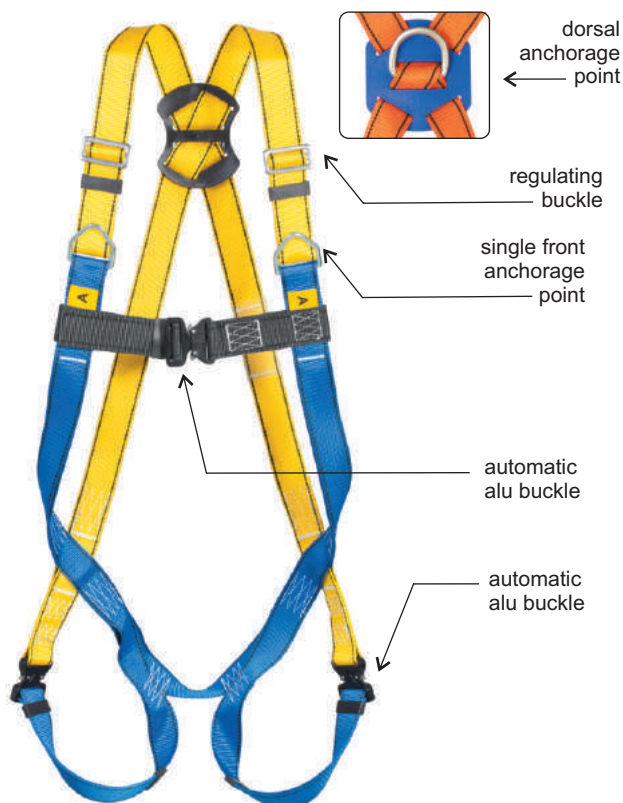


Ref.: AB 141 01

**ALL BUCKLES - STAINLESS STEEL**



Also certificate with automatic alu buckles



## P-40C SAFETY HARNESS

EN 361

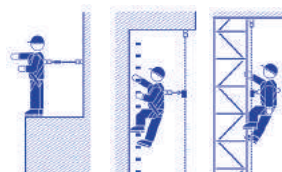


Ref.: AB 135 01

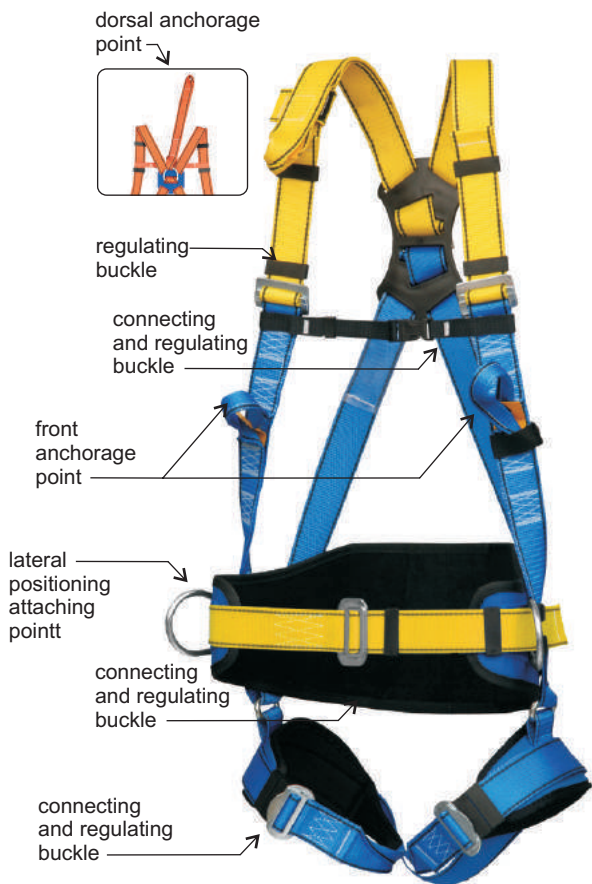
Harness with dorsal and front anchorage points.

Size: M-XL - 1190g  
XXL - 1240g

Separate regulation for legs and shoulders straps.



# Safety harness



## P-60 SAFETY HARNESS

EN 361 EN 358



Ref.: AB 160 01

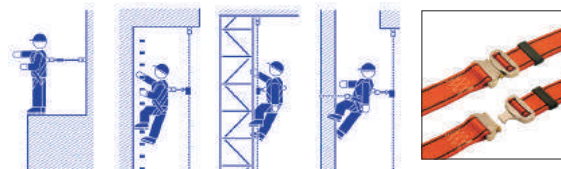
Harness with front and dorsal anchorage point.

Work positioning belt.

Size: M-XL - 1540g

XXL - 1680g

Separate regulation for legs and shoulders straps.



Also certificate with automatic alu buckles

## P-61 SAFETY HARNESS

EN 361 EN 358



Ref.: AB 161 01

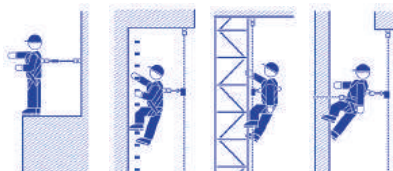
Harness with front and dorsal anchorage point.

Work positioning belt.

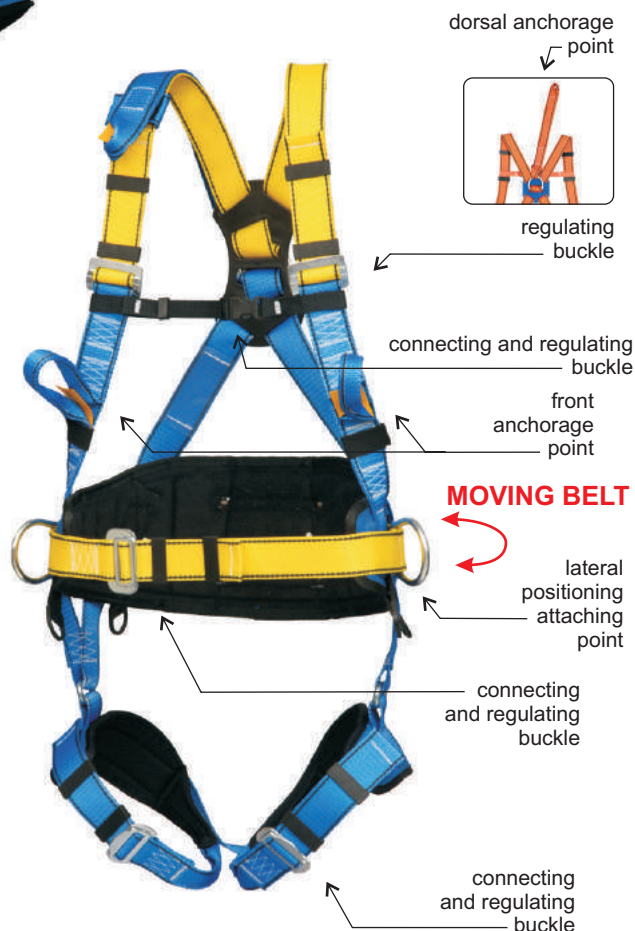
Size: M-XL - 1720g

XXL - 1870g

Separate regulation for legs and shoulders straps.



Also certificate with automatic alu buckles



# Safety harness



## P-60E SAFETY HARNESS

EN 361 EN 358



Ref.: AB 160 02

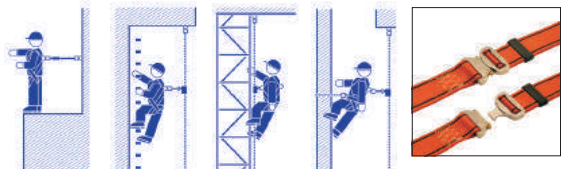
Harness with front and dorsal anchorage point.

Work positioning belt.

Size: M-XL - 1740g

XXL - 1880g

Separate regulation for legs and shoulders straps.



Also certificate with automatic alu buckles

## P-61E SAFETY HARNESS

EN 361 EN 358



Ref.: AB 161 02

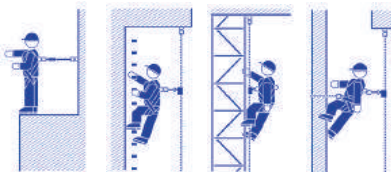
Harness with front and dorsal anchorage point.

Work positioning belt.

Size: M-XL - 1880g

XXL - 1960g

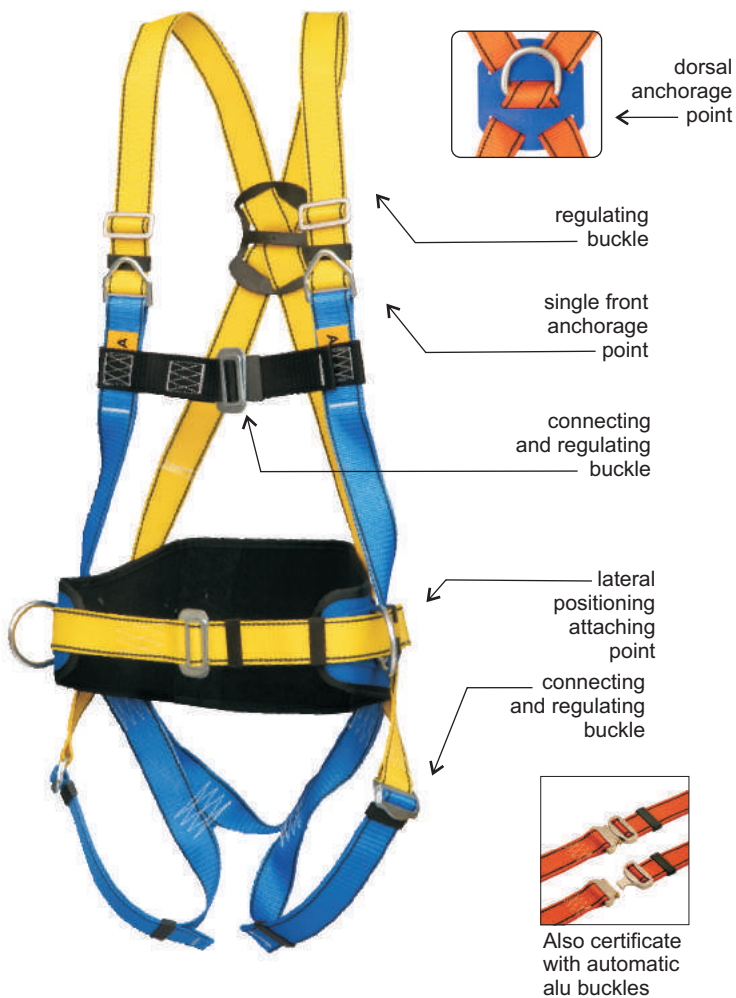
Separate regulation for legs and shoulders straps.



Also certificate with automatic alu buckles



# Safety harness



## P-42 SAFETY HARNESS **NEW!**

EN 361 EN 358



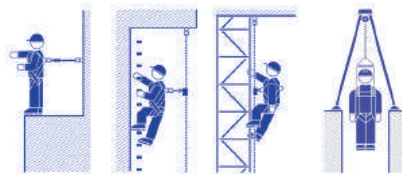
Ref.: AB 142 01

Harness with dorsal and front anchorage points and work positioning belt.

Size: M-XL - 1530g

XXL - 1750g

Separate regulation for legs and shoulders straps.



## P-51E SAFETY HARNESS

EN 361 EN 358



Ref.: AB 151 02

Harness with front and dorsal anchorage point.

Work positioning belt.

Size: M-XL - 1880g

XXL - 1960g

Separate regulation for legs and shoulders straps.



# Safety harness

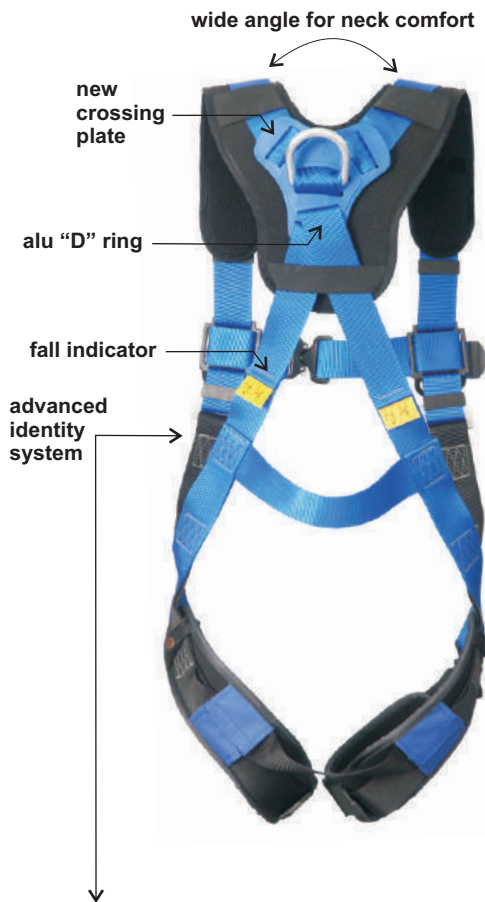
## P-12 PRO SAFETY HARNESS

EN 361



Ref.: AB 112 01

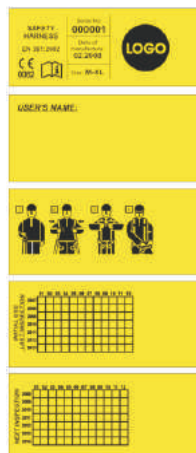
Size: M-XL - 1115g  
XXL - 1165g



### Individual Identity System



available standard and with logo



### other available colours



# Safety harness

## P-22 PRO SAFETY HARNESS

EN 361 EN 358



Ref.: AB 122 01

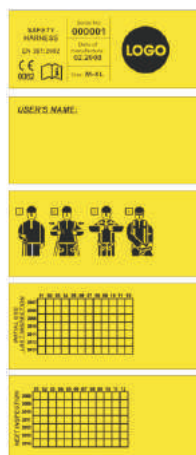
Size: M-XL - 1450g  
XXL - 1550g



### Individual Identity System



available standard and with logo



### other available colours



# Safety harness

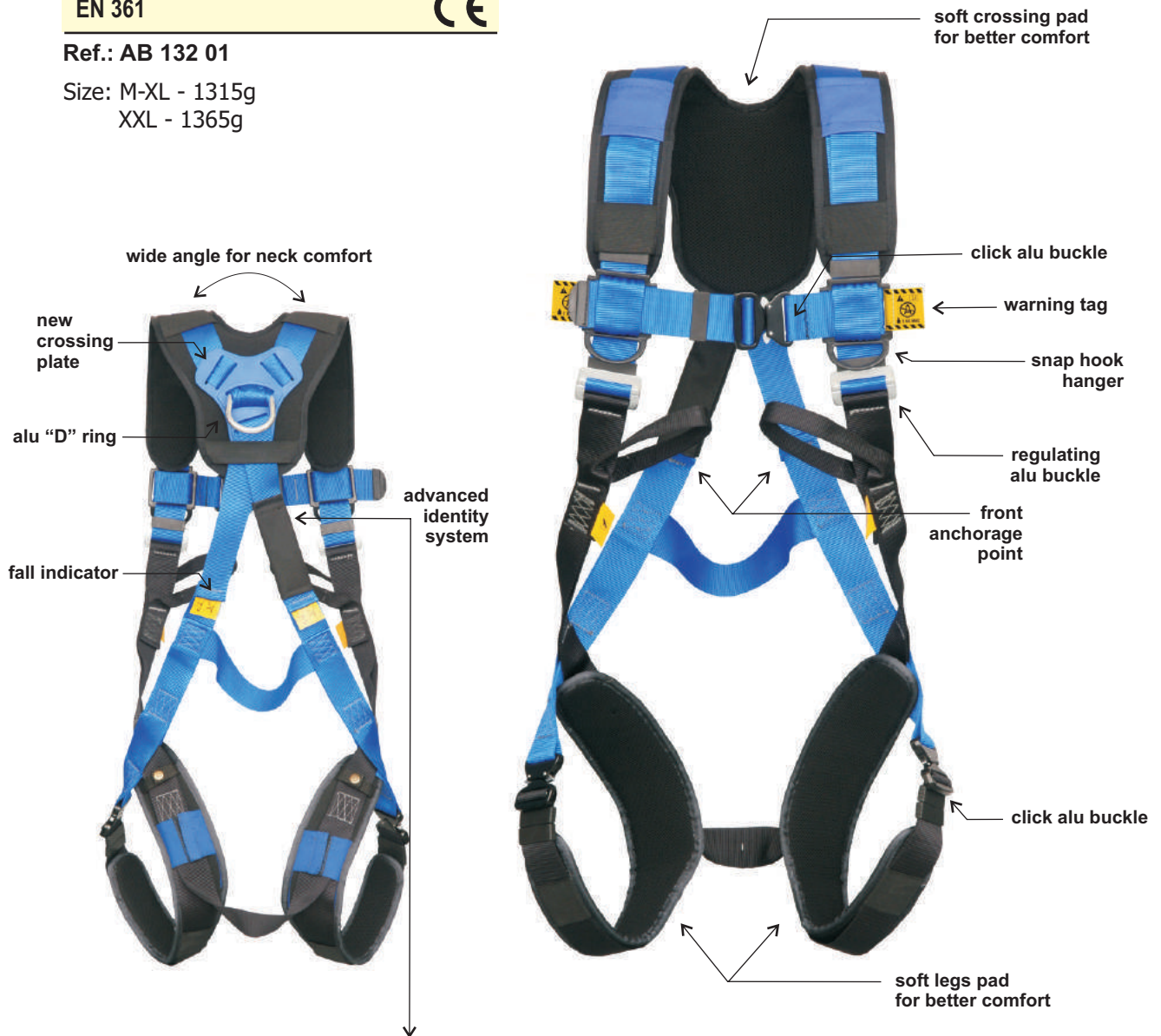
## P-32 PRO SAFETY HARNESS

EN 361



Ref.: AB 132 01

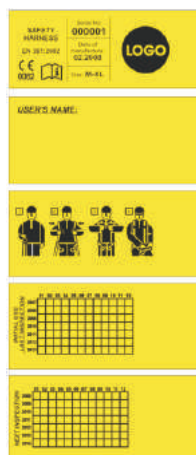
Size: M-XL - 1315g  
XXL - 1365g



### Individual Identity System



available standard and with logo



### other available colours



# Safety harness

## P-52 PRO SAFETY HARNESS

EN 361 EN 358



Ref.: AB 152 01

Size: M-XL - 1650g

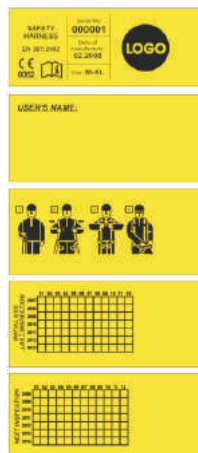
XXL - 1750g



### Individual Identity System



available standard and with logo



### other available colours





# Safety harness

## P-70 SAFETY HARNESS

EN 361 EN 358 EN 813



Ref.: AB 170 01

Harness with front and dorsal anchorage point.

Work positioning belt.

Size: M-XL - 1660g

XXL - 1760g

Separate regulation for legs and shoulders straps.



Also certificate with automatic alu buckles



other available colours



## P-71E SAFETY HARNESS

EN 361 EN 358 EN 813



Ref.: AB 171 02

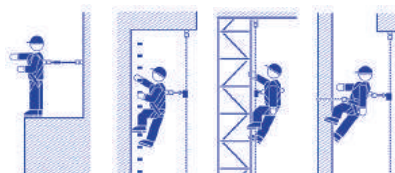
Harness with front and dorsal anchorage point.

Work positioning belt.

Size: M-XL - 1720g

XXL - 1820g

Separate regulation for legs and shoulders straps.



# Safety harness

**New construction!**

## P-71 comfort SAFETY HARNESS

EN 361 EN 358 EN 813



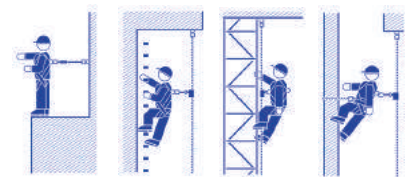
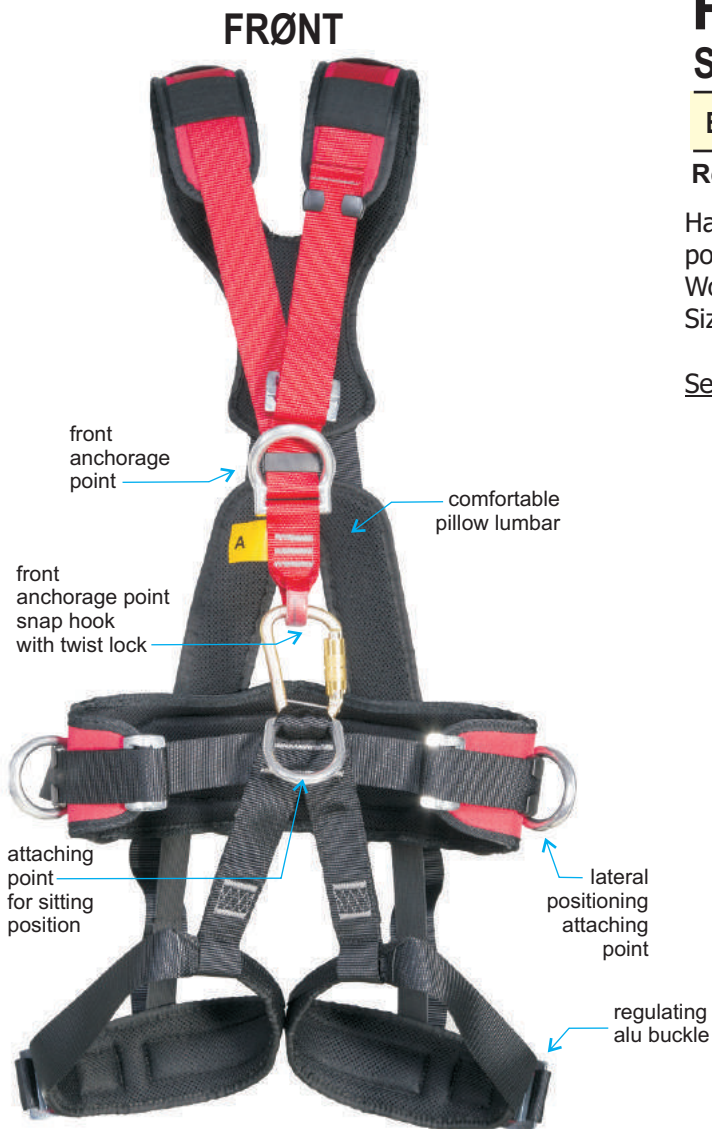
Ref.: AB 171 01

Harness with front and dorsal anchorage point. Attaching point for sitting position. Work positioning belt. **Aluminium buckle.**

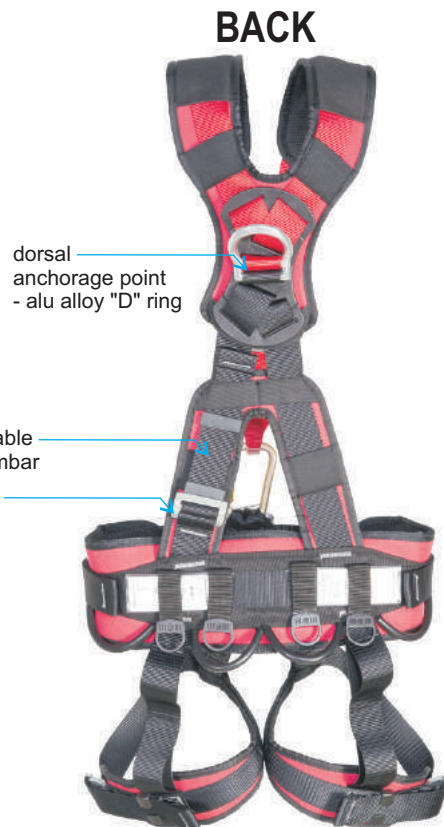
Size: M-XL - 2050g

XXL - 2150g

Separate regulation for legs and shoulders



### COMFORTABLE PILLØW LUMBAR



# Safety harness

## P-80 SAFETY HARNESS

EN 361 EN 358 EN 813

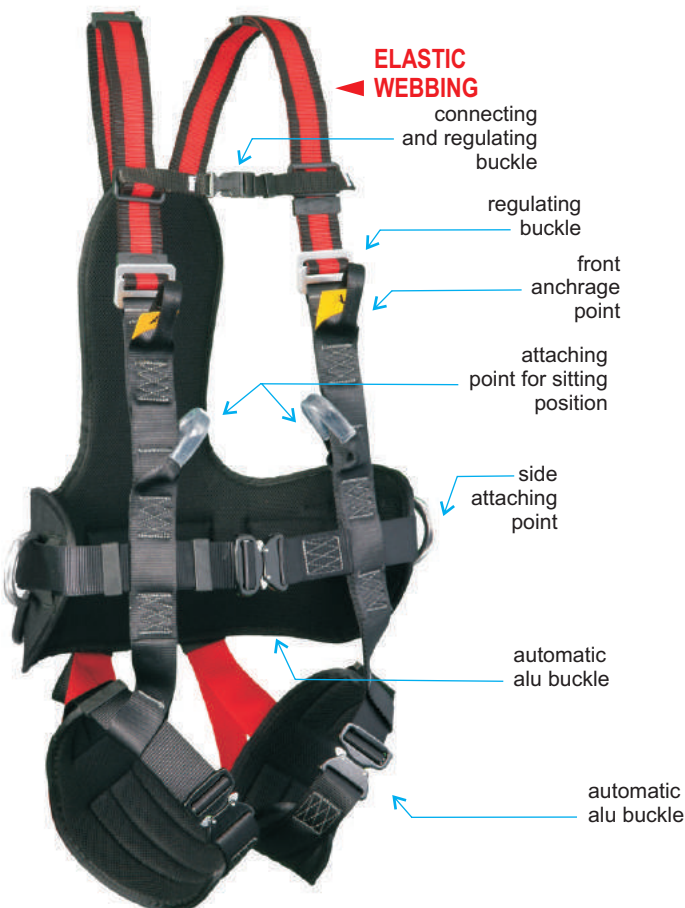
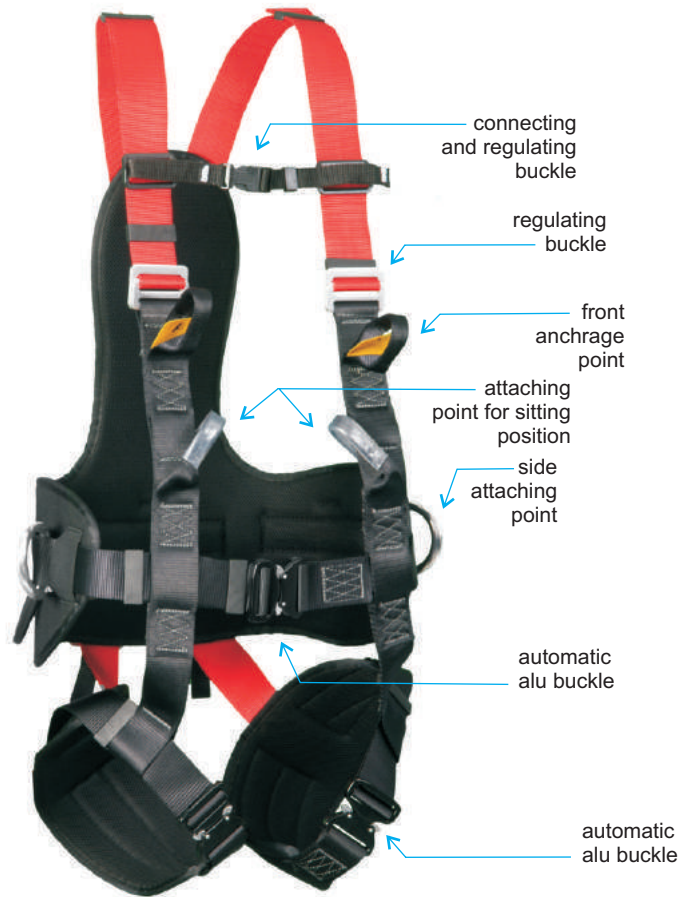
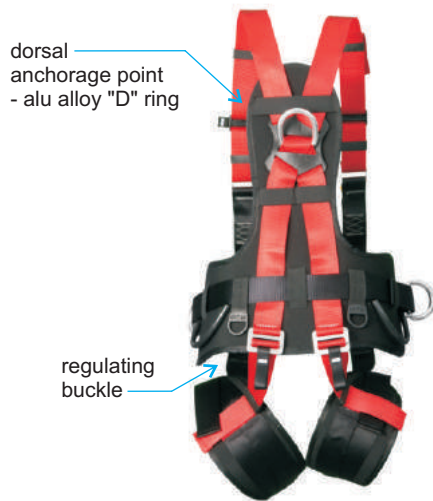


Ref.: AB 180 01

Harness with front and dorsal anchorage point. Attaching point for sitting position. Work positioning belt.

Size: M-XL - 1720g  
XXL - 1800g

One regulation for legs and shoulders straps.



## P-80E SAFETY HARNESS

EN 361 EN 358 EN 813



Ref.: AB 180 02

Harness with front and dorsal anchorage point. Attaching point for sitting position. Work positioning belt.

Size: M-XL - 1780g  
XXL - 1860g

One regulation for legs and shoulders straps.



# Safety harness

## P-71C *New construction!* SAFETY HARNESS

EN 361 EN 358 EN 813

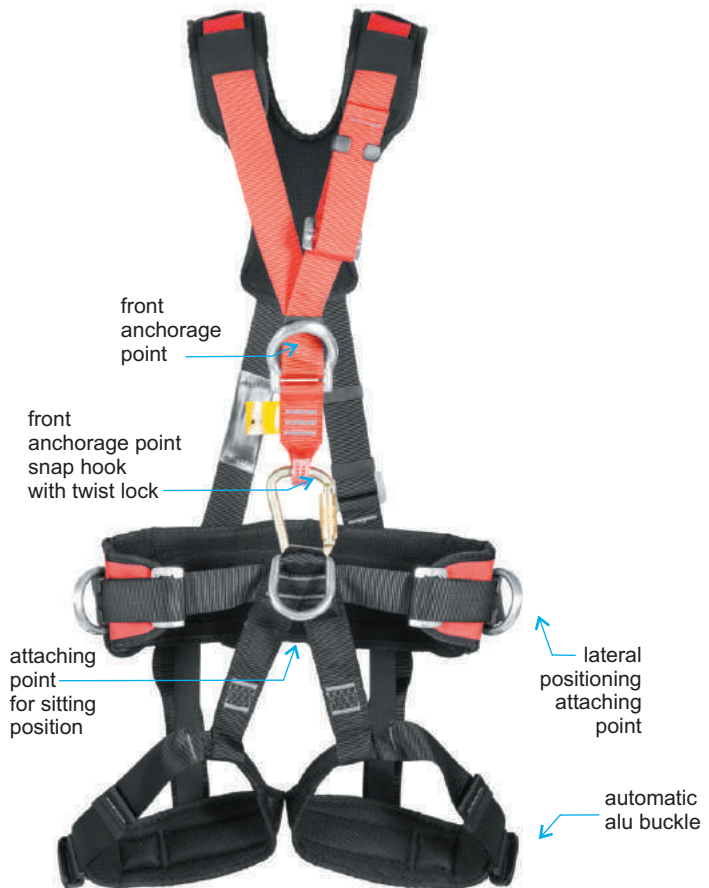
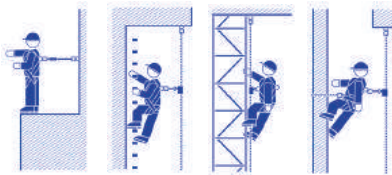


Ref.: AB 171 03

Harness with front and dorsal anchorage point. Attaching point for sitting position. Work positioning belt.

Size: M-XL - 1690g  
XXL - 1790g

Separate regulation for legs and shoulders



## P-71CR *New construction!* SAFETY HARNESS

EN 361 EN 358 EN 813 EN 1497

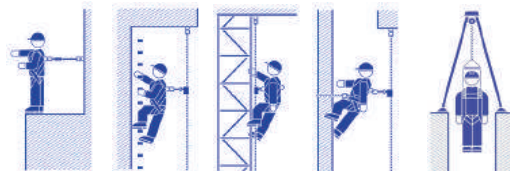


Ref.: AB 171 05

Harness with front and dorsal anchorage point. Attaching point for sitting position. Work positioning belt.

Size: M-XL - 1720g  
XXL - 1820g

Separate regulation for legs and shoulders straps.



# Safety harness

## P-73 *New construction!* SAFETY HARNESS

EN 361 EN 358 EN 813

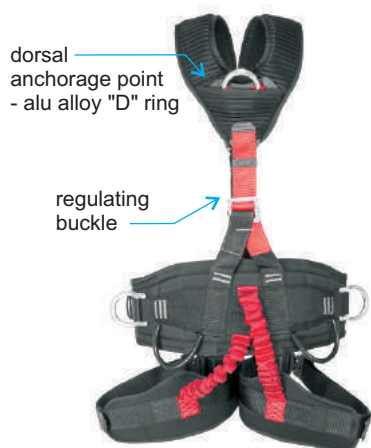


Ref.: AB 173 03

Harness with front and dorsal anchorage point. Attaching point for sitting position. Work positioning belt.

Size: M-XL - 1780g  
XXL - 1890g

Separate regulation for legs and shoulders



Possibility to connect the clamping device.

lateral positioning attaching point



## P-86R *New construction!* SAFETY HARNESS

EN 361 EN 358 EN 1497



Ref.: AB 186 01

Harness with front and dorsal anchorage point. Attaching point for sitting position. Work positioning belt.

Size: M-XL - 1820g  
XXL - 1960g

Separate regulation for legs and shoulders straps.



# Isolating safety harness



## P-51E ISOL NEW! SAFETY HARNESS

EN 361 EN 358



Ref.: AB 151 03

Harness with front and dorsal anchorage point.

Work positioning belt.

Size: M-XL - 1790g

XXL - 1950g

Separate regulation for legs and shoulders straps.

## P-80E ISOL NEW! SAFETY HARNESS

EN 361 EN 358 EN 813



Ref.: AB 180 03

Harness with front and dorsal anchorage point. Attaching point for sitting position.

Work positioning belt.

Size: M-XL - 1800g

XXL - 1880g

One regulation for legs and shoulders straps.



# Safety harness

## P-81 SAFETY HARNESS

EN 361 EN 358 EN 813

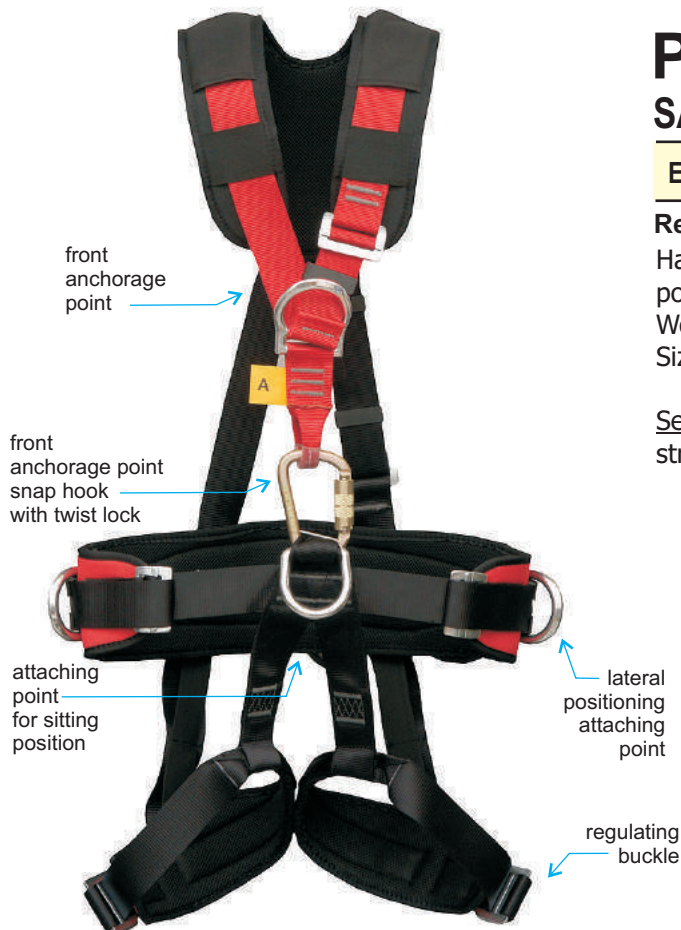
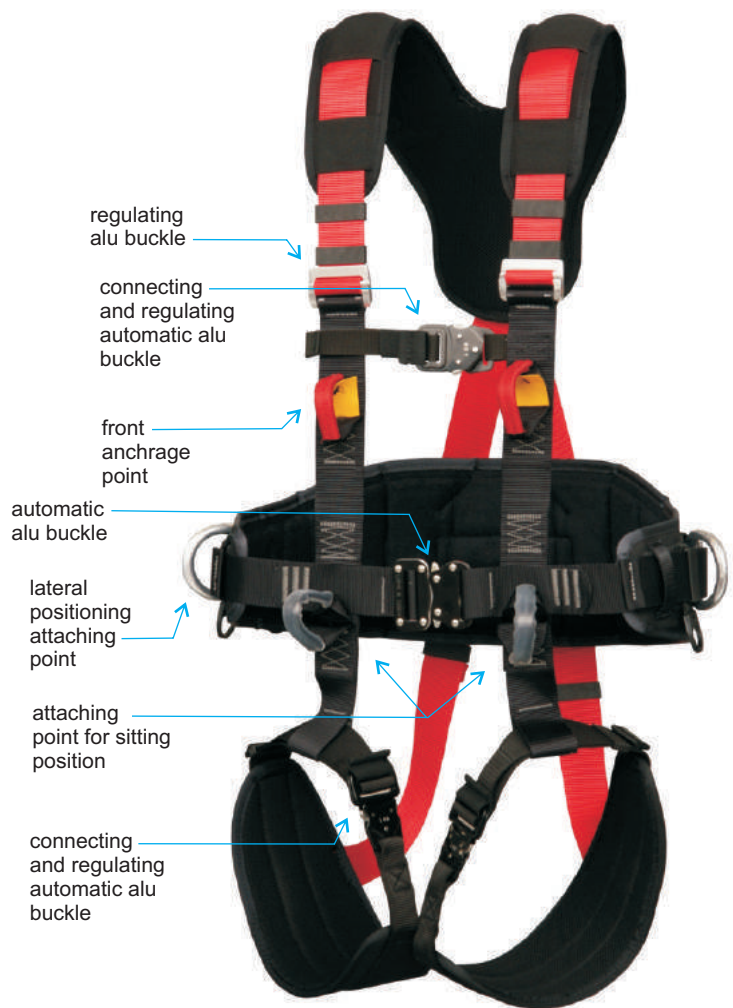
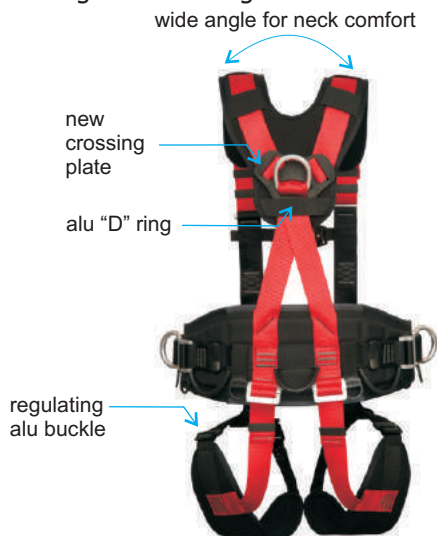


Ref.: AB 181 01

Harness with front and dorsal anchorage point. Attaching point for sitting position. Work positioning belt.

Size: M-XL - 1900g  
XXL - 1980g

One regulation for legs and shoulders straps.



## P-71 *New construction!* SAFETY HARNESS

EN 361 EN 358 EN 813



Ref.: AB 171 01

Harness with front and dorsal anchorage point. Attaching point for sitting position. Work positioning belt.

Size: M-XL - 1660g  
XXL - 1760g

Separate regulation for legs and shoulders straps.



# Safety harness

## P-90 *New construction!* SAFETY HARNESS

EN 361 EN 358 EN 813

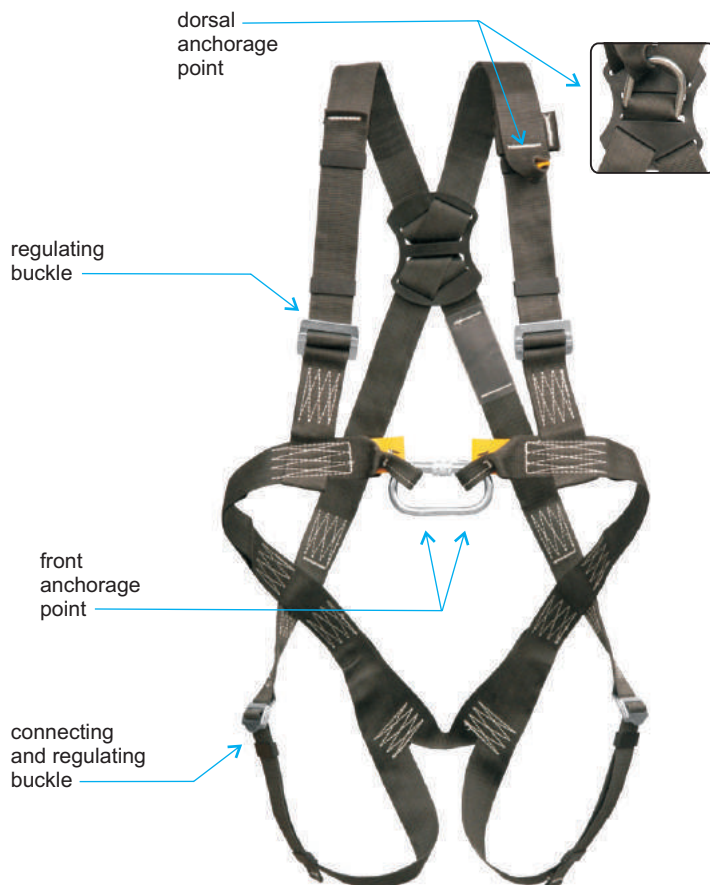
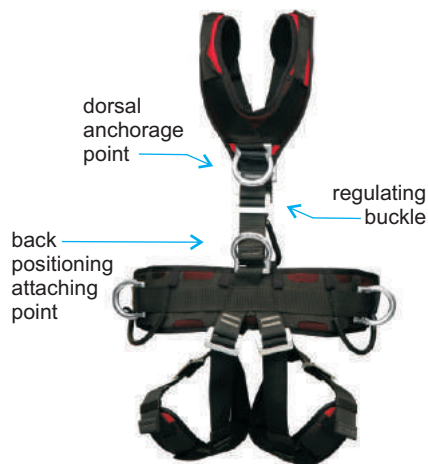


Ref.: AB 190 01

Harness with front and dorsal anchorage point. Attaching point for sitting position. Work positioning belt.

Size: M-XL - 1950g  
XXL - 2030g

One regulation for legs and shoulders straps.



## P-30N SAFETY HARNESS NEW MØDEL NØN-FLAMMABLE

EN 361

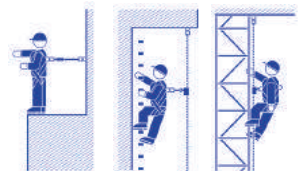


Ref.: AB 131 01

Harness with front and dorsal anchorage point. **ARAMID-POLYESTER** webbing.

Size: M-XL - 1030g  
XXL - 1090g

Separate regulation for legs and shoulders straps.

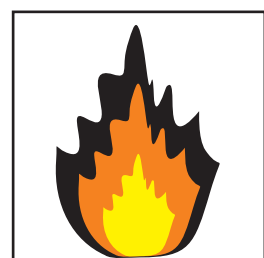


### ATTENTION:

For hot works like welding, grinding, soldering metal cutting.

The rope is protected against sparks, molten metal drops, etc.

EN 358 p.4.1.5  
resistance to flame





# Safety harness

## P-50N ISOL NEW! SAFETY HARNESS NEW MØDEL NØN-FLAMMABLE

EN 361 EN 358



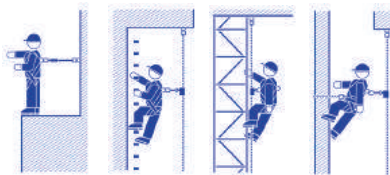
Ref.: AB 151 03

Harness with front and dorsal anchorage point. **ARAMID-POLYESTER** webbing.

Size: M-XL - 1690g

XXL - 1790g

Separate regulation for legs and shoulders straps.



### ATTENTION:

For hot works like welding, grinding, soldering metal cutting.

The rope is protected against sparks, molten metal drops, etc.

EN 358 p.4.1.5  
resistance to flame



## P-50N NEW! SAFETY HARNESS NEW MØDEL NØN-FLAMMABLE

EN 361



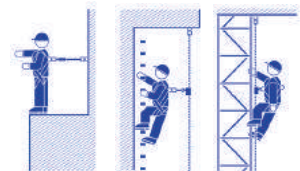
Ref.: AB 151 01

Harness with front and dorsal anchorage point. **ARAMID-POLYESTER** webbing.

Size: M-XL - 1650g

XXL - 1750g

Separate regulation for legs and shoulders straps.



### ATTENTION:

For hot works like welding, grinding, soldering metal cutting.

The rope is protected against sparks, molten metal drops, etc.

EN 358 p.4.1.5  
resistance to flame



# Safety harness

## For Women!

## P-10F

### Women's HARNESSSES

EN 361



Ref.: AB 110 04

Harness with dorsal anchorage point.

Size: M-XL - 1050g

XXL - 1150g

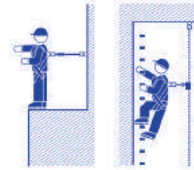
One regulation for legs and shoulders straps.

dorsal anchorage point



automatic alu buckle

connecting and regulating buckle



dorsal anchorage point



# Safety harness with vest

## P-30HV+

**HIGH VISIBLE**

**SAFETY HARNESS WITH VEST**

EN 361

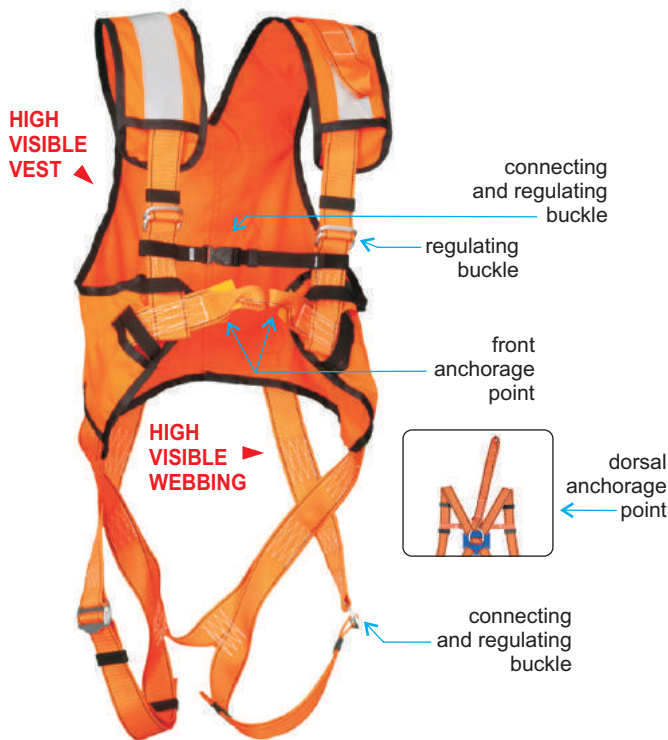


Ref.: AB 130 04



Harness with front and dorsal anchorage point.

Size: M-XL - 1000g  
XXL - 1060g

Separate regulation for legs and shoulders straps.



**Available colors:**

-  Hi Viz orange
-  Hi Viz yellow

## P-50HV+

**HIGH VISIBLE**

**SAFETY HARNESS WITH VEST**

EN 361



Ref.: AB 150 04

Harness with front and dorsal anchorage point.



Work positioning belt.

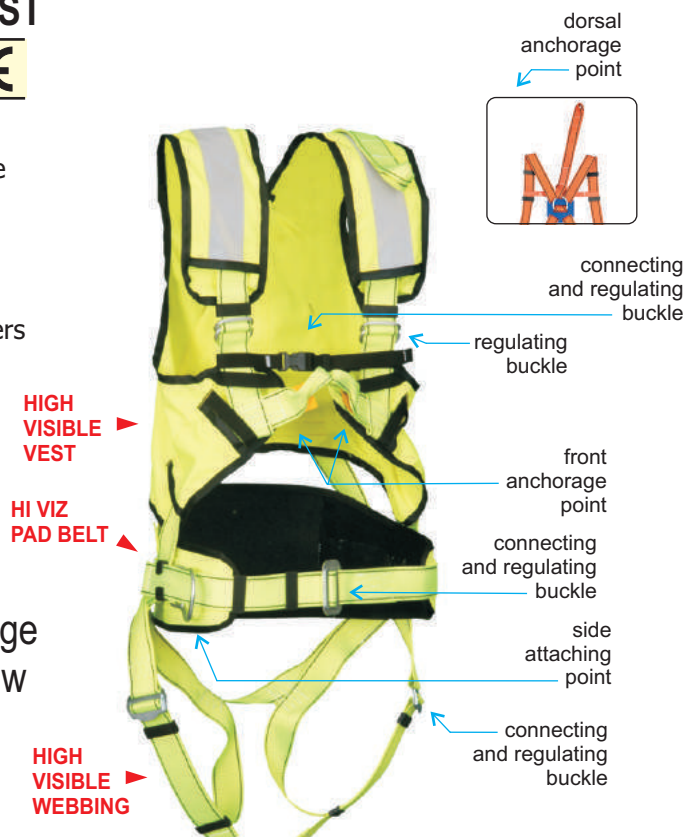
Size: M-XL - 1460g  
XXL - 1600g

Separate regulation for legs and shoulders straps.



**Available colors:**

-  Hi Viz orange
-  Hi Viz yellow



# Safety harness with vest

Hi Viz orange

FRONT



BACK



## P-04

**HIGH VISIBLE**

**SAFETY HARNESS WITH VEST**

EN 361



Ref.: AB 104 04

Harness with front and dorsal anchorage point.

Size: M-XL  
XXL

Separate regulation for legs and shoulders straps.

Hi Viz green-yellow

FRONT



BACK



# Safety harness with vest



## P-03 + VS041 SAFETY HARNESS with VEST

EN 361



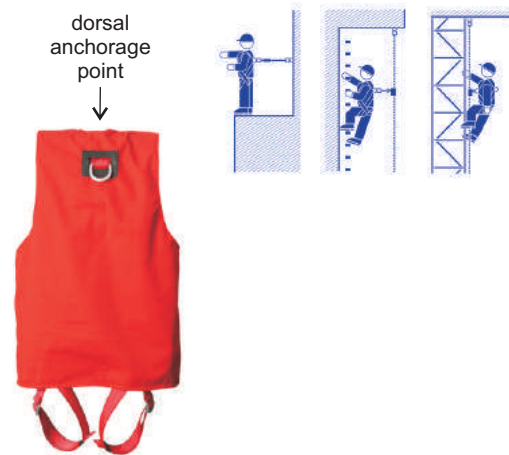
Ref.: AB 103 01

**Comfortable protective vest with safety harness.**

Harness with front and dorsal anchorage point.

Size: M-XL - 725g  
XXL - 735g

One regulation for legs and shoulders straps.



## P-30 + VS041 SAFETY HARNESS with VEST

EN 361



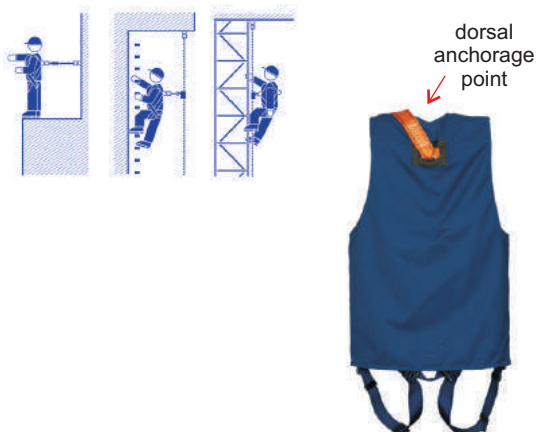
Ref.: AB 130 01

**Comfortable protective vest with safety harness.**

Harness with front and dorsal anchorage point.

Size: M-XL - 1035g  
XXL - 1095g

Separate regulation for legs and shoulders straps.



# Jacket and safety harness

**KB 040 high visible**



**KB 040, KB 041, KB 042 jacket with safety harness P-11 or P-11C **NEW!****

EN 361



Ref.: KB 040, KB 041, KB 042

Materials: 97% polyester, 3% elasthan

3 Layers:

- polyester bistrech fabric 1/1 plain weave (water repellent)
- TPU membrane
- micro polar fabric

Total weight: 350 +/- 5% gsm (without harness).

Properties: water repellency, water resist

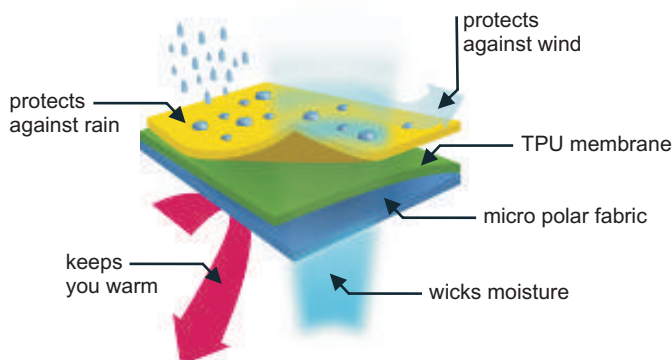


**KB 041**



**KB 042**

## 3 LAYERS



Overalls sizes:

SIZE	HEIGHT	CHEST MEASUREMENT
M 38-40	176/179 cm	83-94 cm
L 38-40	179/182 cm	95-102 cm
XL 38-40	182/185 cm	103-112 cm

**KB 040, KB 041, KB 042 with P-11**  
**KB 040, KB 041, KB 042 with P-11C**

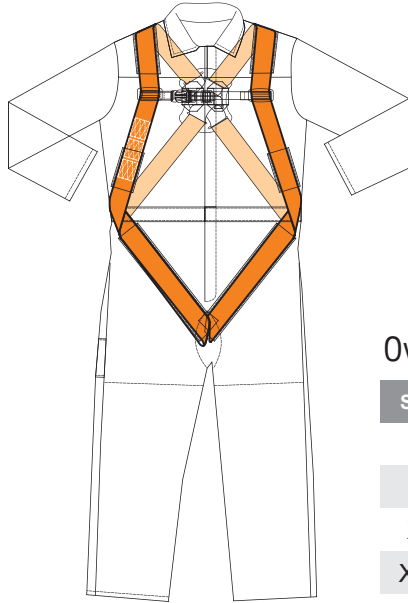
# Protective overalls with safety harness

OVERALLS KB 020 EN 361 CE

Comfortable overalls with safety harness inside

## Construction and design

Dorsal attaching point up to standard EN 361:2002



Overalls sizes: M, L, XL, XXL

SIZE	HEIGHT	CHEST MEASUREMENT	WAIST MEASUREMENT
M	170/176	96-100	80-84
L	176/182	104-108	88-92
XL	182/188	108-112	92-96
XXL	188/194	116-120	100-104

## Safety harness | EN 361



## Fabric and performance

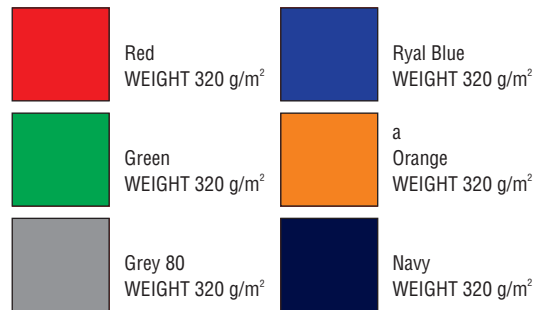
### Standard fabric / color

Polyester 65 % Cotton 35%  
by KLOPMAN



### Flame Resistance and Anti-static fabric

Viscose FR, modified acrylic type F  
XISPAL by LENARD



EN 531 Protection for clothes against fire and heat  
EN 366 Radiating Heat: Comply with C1 and C2  
EN 367 Convective Heat: Comply with B1 and B2  
EN 532 Limited flame speed: Comply with A  
EN V50354 Protection against electric arc:  
Comply with TYPE 1,4 kA  
EN373 Protection against extensive  
splashing from molten iron and aluminium  
EN 348 Protection against light splashing from molten metals  
EN 1149 Anti-static Regulations



### High Visible colors

Polyester 85 % Cotton 15%  
Luminex H.V. by KLOPMAN



Conforming to: EN 471:2008

### Flame Resistance, Anti-static fabric and High Visible standards



Conforming to: EN 471:2008

# Energy absorbers

## NEW

**AZ 002**  
galvanized steel  
opening: 18 mm  
weight: 220 g



**AZ 003**  
aluminium  
opening: 20 mm  
weight: 160 g



**AZ 004**  
aluminium  
opening: 22 mm  
weight: 180 g  
twist lock



**AZ 040**  
aluminium  
opening: 23 mm  
weight: 80 g



**AZ 041T**  
aluminium  
opening: 23 mm  
weight: 100 g  
twist lock



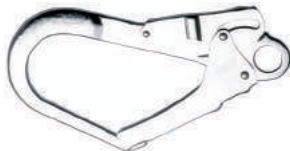
**AZ 020**  
galvanized steel  
opening: 23 mm  
weight: 230 g



**AZ 021T**  
galvanized steel  
opening: 23 mm  
weight: 250 g  
twist lock



**AZ 022**  
galvanized steel  
opening: 50 mm  
weight: 500 g



**AZ 023**  
aluminium  
opening: 60 mm  
weight: 480 g



**AZ 024**  
aluminium  
opening: 100 mm  
weight: 920 g



**AZ 025**  
galvanized steel  
opening: 80 mm  
weight: 800 g



Max load  
**140 kg**

energy absorber  
**AW 170**

safety lanyard  
**LB 100**  
**Ø 12mm**

## AW 170+LB 100

energy absorber with universal adjustable safety lanyard  $\varnothing 12$  mm

EN 355 EN 354



Ref.: AW 170+LB 100

### AW 170

Dimensions: 300x40x50 mm

Weight: 360 g.

Material: Polyamide 100%.

Max. load **140 kg**

Max. length: 2m

(included connected snap hooks).

**OTHER LENGHTES ON REQUEST**



# Energy absorbers

## NEW

**AZ 002**  
galvanized steel  
opening: 18 mm  
weight: 220 g



**AZ 003**  
aluminium  
opening: 20 mm  
weight: 160 g



**AZ 004**  
aluminium  
opening: 22 mm  
weight: 180 g  
twist lock



**AZ 040**  
aluminium  
opening: 23 mm  
weight: 80 g



**AZ 041T**  
aluminium  
opening: 23 mm  
weight: 100 g  
twist lock



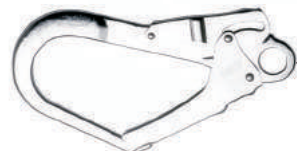
**AZ 020**  
galvanized steel  
opening: 23 mm  
weight: 230 g



**AZ 021T**  
galvanized steel  
opening: 23 mm  
weight: 250 g  
twist lock



**AZ 022**  
galvanized steel  
opening: 50 mm  
weight: 500 g



**AZ 023**  
aluminium  
opening: 60 mm  
weight: 480 g



**AZ 024**  
aluminium  
opening: 100 mm  
weight: 920 g



**AZ 025**  
galvanized steel  
opening: 80 mm  
weight: 800 g



## AW 170+LB 101

energy absorber with  
universal safety lanyard Ø10,5 mm

EN 355 EN 354



Ref.: AW 170+LB 101

**AW 170**

Dimensions: 300x40x50 mm

Weight: 360 g.

Material: Polyamide 100%.

Max. load **140 kg**

Max. length: 2m

(included connected snap hooks).

OTHER LENGHTES ON REQUEST

# Energy absorbers

## NEW

**AZ 002**  
galvanized steel  
opening: 18 mm  
weight: 220 g



**AZ 003**  
aluminium  
opening: 20 mm  
weight: 160 g



**AZ 004**  
aluminium  
opening: 22 mm  
weight: 180 g  
twist lock



**AZ 040**  
aluminium  
opening: 23 mm  
weight: 80 g



**AZ 041T**  
aluminium  
opening: 23 mm  
weight: 100 g  
twist lock



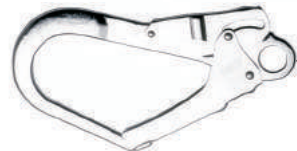
**AZ 020**  
galvanized steel  
opening: 23 mm  
weight: 230 g



**AZ 021T**  
galvanized steel  
opening: 23 mm  
weight: 250 g  
twist lock



**AZ 022**  
galvanized steel  
opening: 50 mm  
weight: 500 g



**AZ 023**  
aluminium  
opening: 60 mm  
weight: 480 g



**AZ 024**  
aluminium  
opening: 100 mm  
weight: 920 g



**AZ 025**  
galvanized steel  
opening: 80 mm  
weight: 800 g



## AW 170+LB 102

energy absorber  
with double safety lanyard

EN 355 EN 354



Ref.: AW 170+LB 102

### AW 170

Dimensions: 300x40x50 mm  
Weight: 360 g.  
Material: Polyamide 100%.  
Max. load **140 kg**

Max. length: 2x2m (included connected snap hooks).

**OTHER LENGTHES ON REQUEST**



# Energy absorbers

## NEW

**AZ 002**  
galvanized steel  
opening: 18 mm  
weight: 220 g



**AZ 003**  
aluminium  
opening: 20 mm  
weight: 160 g



**AZ 004**  
aluminium  
opening: 22 mm  
weight: 180 g  
twist lock



**AZ 040**  
aluminium  
opening: 23 mm  
weight: 80 g



**AZ 041T**  
aluminium  
opening: 23 mm  
weight: 100 g  
twist lock



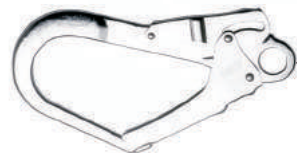
**AZ 020**  
galvanized steel  
opening: 23 mm  
weight: 230 g



**AZ 021T**  
galvanized steel  
opening: 23 mm  
weight: 250 g  
twist lock



**AZ 022**  
galvanized steel  
opening: 50 mm  
weight: 500 g



**AZ 023**  
aluminium  
opening: 60 mm  
weight: 480 g



**AZ 024**  
aluminium  
opening: 100 mm  
weight: 920 g



**AZ 025**  
galvanized steel  
opening: 80 mm  
weight: 800 g



## AW 170+LE 101

energy absorber  
with elastic safety lanyard

EN 355 EN 354



Ref.: AW 170+LE 101

### AW 170

Dimensions: 300x40x50 mm  
Weight: 360 g.  
Material: Polyamide 100%.  
Max. load **140 kg**

Max. length: 2m (included connected snap hooks).  
Material: Polyamide.

**OTHER LENGTHS ON REQUEST**

# Energy absorbers

**AZ 002**  
galvanized steel  
opening: 18 mm  
weight: 220 g



**AZ 003**  
aluminium  
opening: 20 mm  
weight: 160 g



**AZ 004**  
aluminium  
opening: 22 mm  
weight: 180 g  
twist lock



**AZ 040**  
aluminium  
opening: 23 mm  
weight: 80 g



**AZ 041T**  
aluminium  
opening: 23 mm  
weight: 100 g  
twist lock



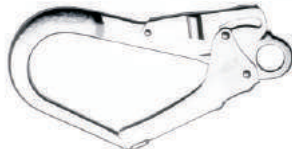
**AZ 020**  
galvanized steel  
opening: 23 mm  
weight: 230 g



**AZ 021T**  
galvanized steel  
opening: 23 mm  
weight: 250 g  
twist lock



**AZ 022**  
galvanized steel  
opening: 50 mm  
weight: 500 g



**AZ 023**  
aluminium  
opening: 60 mm  
weight: 480 g



**AZ 024**  
aluminium  
opening: 100 mm  
weight: 920 g



**AZ 025**  
galvanized steel  
opening: 80 mm  
weight: 800 g



## ABM ENERGY ABSØRBER

EN 355



Ref.: BW 200

Dimensions: 160x35x45mm.

Weight: 160g.

Material: Polyamide 100%.

# Energy absorbers

**AZ 002**  
galvanized steel  
opening: 18 mm  
weight: 220 g



**AZ 003**  
aluminium  
opening: 20 mm  
weight: 160 g



**AZ 004**  
aluminium  
opening: 22 mm  
weight: 180 g  
twist lock



**AZ 040**  
aluminium  
opening: 23 mm  
weight: 80 g



**AZ 041T**  
aluminium  
opening: 23 mm  
weight: 100 g  
twist lock



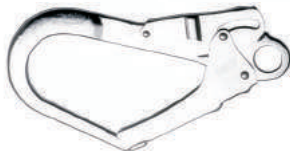
**AZ 020**  
galvanized steel  
opening: 23 mm  
weight: 230 g



**AZ 021T**  
galvanized steel  
opening: 23 mm  
weight: 250 g  
twist lock



**AZ 022**  
galvanized steel  
opening: 50 mm  
weight: 500 g



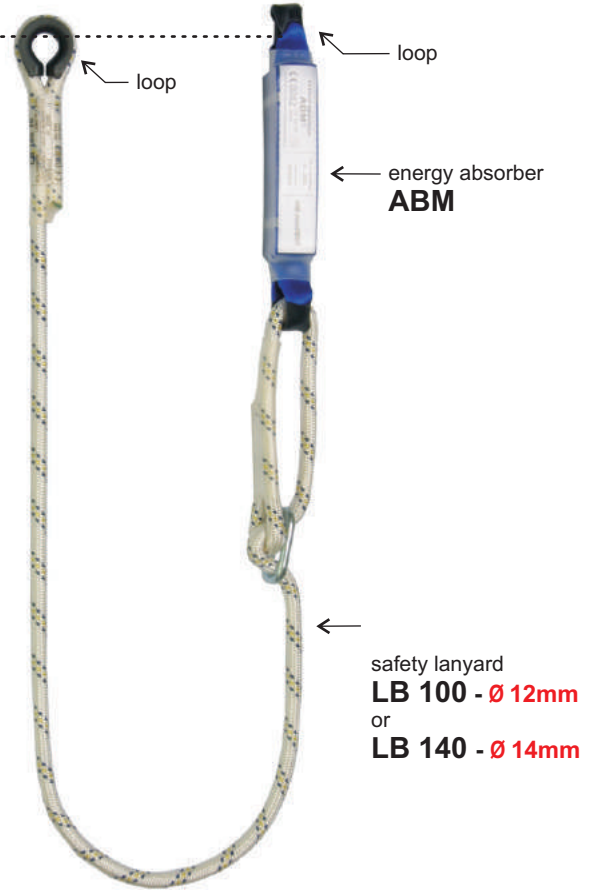
**AZ 023**  
aluminium  
opening: 60 mm  
weight: 480 g



**AZ 024**  
aluminium  
opening: 100 mm  
weight: 920 g



**AZ 025**  
galvanized steel  
opening: 80 mm  
weight: 800 g



loop  
energy absorber  
**ABM**  
safety lanyard  
**LB 100 - Ø 12mm**  
or  
**LB 140 - Ø 14mm**

## ABM+LB 100

energy absorber with universal adjustable safety lanyard ø12 mm

EN 355 EN 354



Ref.: BW 200+LB 100

Max. length: 2m (included connected snap hooks).

Material: Polyamide.

OTHER LENGHTES ON REQUEST



◀ ROPE  
Ø 12mm

## ABM+LB 140

energy absorber with universal adjustable safety lanyard ø 14 mm

EN 355 EN 354



Ref.: BW 200+LB 140

Max. length: 2m (included connected snap hooks).

Material: Polyamide.

OTHER LENGHTES ON REQUEST



◀ ROPE  
Ø 14mm

# Energy absorbers

**AZ 002**  
galvanized steel  
opening: 18 mm  
weight: 220 g



**AZ 003**  
aluminium  
opening: 20 mm  
weight: 160 g



**AZ 004**  
aluminium  
opening: 22 mm  
weight: 180 g  
twist lock



**AZ 040**  
aluminium  
opening: 23 mm  
weight: 80 g



**AZ 041T**  
aluminium  
opening: 23 mm  
weight: 100 g  
twist lock



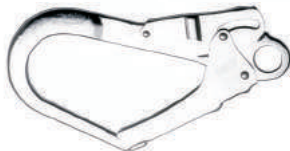
**AZ 020**  
galvanized steel  
opening: 23 mm  
weight: 230 g



**AZ 021T**  
galvanized steel  
opening: 23 mm  
weight: 250 g  
twist lock



**AZ 022**  
galvanized steel  
opening: 50 mm  
weight: 500 g



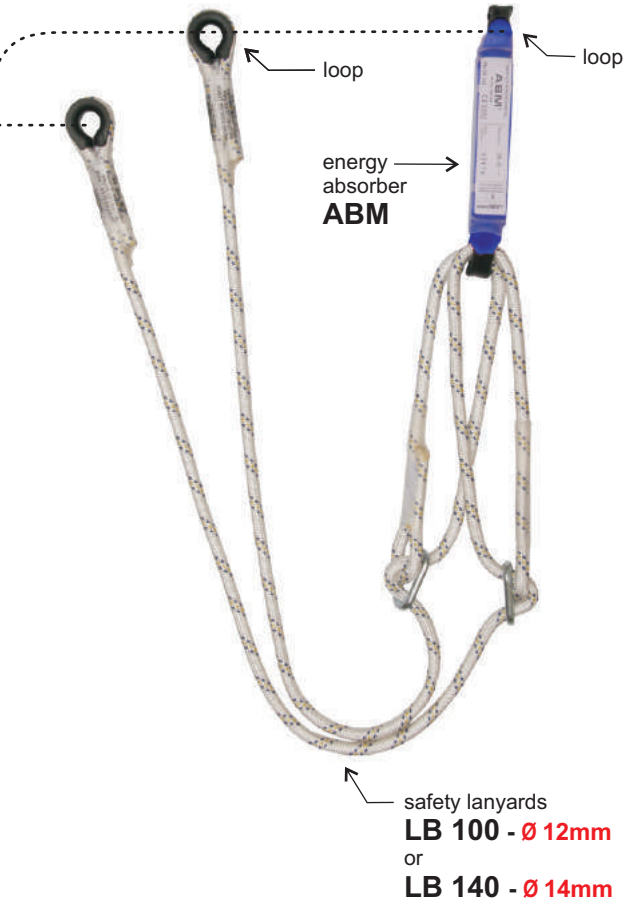
**AZ 023**  
aluminium  
opening: 60 mm  
weight: 480 g



**AZ 024**  
aluminium  
opening: 100 mm  
weight: 920 g



**AZ 025**  
galvanized steel  
opening: 80 mm  
weight: 800 g



## ABM+ 2LB 100

energy absorber with double universal adjustable safety lanyard  $\varnothing 12$  mm

EN 355 EN 354



Ref.: BW 200+2LB 100

Max. length: 2m (included connected snap hooks).

Material: Polyamide.

OTHER LENGHTES ON REQUEST



◀ ROPE  
 $\varnothing 12$ mm

## ABM+2LB 140

energy absorber with double universal adjustable safety lanyard  $\varnothing 14$  mm

EN 355 EN 354



Ref.: BW 200+2LB 140

Max. length: 2m (included connected snap hooks).

Material: Polyamide.

OTHER LENGHTES ON REQUEST



◀ ROPE  
 $\varnothing 14$ mm

# Energy absorbers

**AZ 002**  
galvanized steel  
opening: 18 mm  
weight: 220 g



**AZ 003**  
aluminium  
opening: 20 mm  
weight: 160 g



**AZ 004**  
aluminium  
opening: 22 mm  
weight: 180 g  
twist lock



**AZ 040**  
aluminium  
opening: 23 mm  
weight: 80 g



**AZ 041T**  
aluminium  
opening: 23 mm  
weight: 100 g  
twist lock



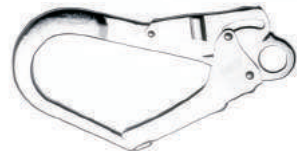
**AZ 020**  
galvanized steel  
opening: 23 mm  
weight: 230 g



**AZ 021T**  
galvanized steel  
opening: 23 mm  
weight: 250 g  
twist lock



**AZ 022**  
galvanized steel  
opening: 50 mm  
weight: 500 g



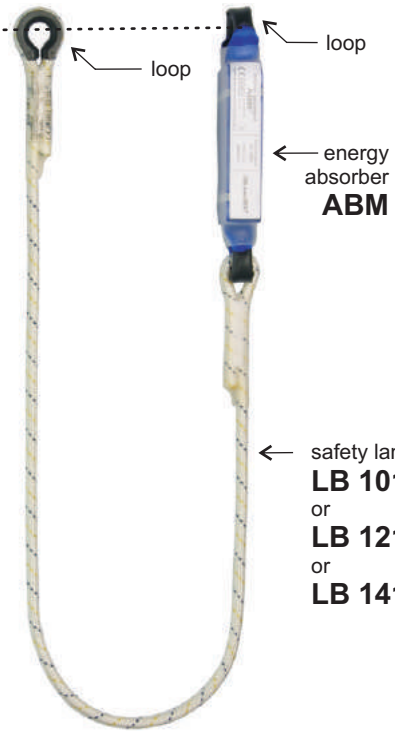
**AZ 023**  
aluminium  
opening: 60 mm  
weight: 480 g



**AZ 024**  
aluminium  
opening: 100 mm  
weight: 920 g



**AZ 025**  
galvanized steel  
opening: 80 mm  
weight: 800 g



← loop  
← energy absorber  
**ABM**  
← safety lanyard  
**LB 101 - Ø 10,5mm**  
or  
**LB 121 - Ø 12mm**  
or  
**LB 141 - Ø 14mm**

## ABM+LB 101

energy absorber with  
universal safety lanyard  $\varnothing 10,5$  mm

EN 355 EN 354



Ref.: BW 200+LB 101

Max. length: 2m (included connected snap hooks).

Material: Polyamide.

OTHER LENGHTES ON REQUEST

◀ ROPE  
 $\varnothing 10,5$ mm



## ABM+LB 121

energy absorber with  
universal safety lanyard  $\varnothing 12$  mm

EN 355 EN 354



Ref.: BW 200+LB 121

Max. length: 2m (included connected snap hooks).

Material: Polyamide.

OTHER LENGHTES ON REQUEST

◀ ROPE  
 $\varnothing 12$ mm



## ABM+LB 141

energy absorber with  
universal safety lanyard  $\varnothing 14$  mm

EN 355 EN 354



Ref.: BW 200+LB 141

Weight: 000g.

Max. length: 2m (included connected snap hooks).

Material: Polyamide.

OTHER LENGHTES ON REQUEST

◀ ROPE  
 $\varnothing 14$ mm



# Energy absorbers

**AZ 002**  
galvanized steel  
opening: 18 mm  
weight: 220 g



**AZ 003**  
aluminium  
opening: 20 mm  
weight: 160 g



**AZ 004**  
aluminium  
opening: 22 mm  
weight: 180 g  
twist lock



**AZ 040**  
aluminium  
opening: 23 mm  
weight: 80 g



**AZ 041T**  
aluminium  
opening: 23 mm  
weight: 100 g  
twist lock



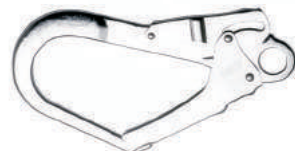
**AZ 020**  
galvanized steel  
opening: 23 mm  
weight: 230 g



**AZ 021T**  
galvanized steel  
opening: 23 mm  
weight: 250 g  
twist lock



**AZ 022**  
galvanized steel  
opening: 50 mm  
weight: 500 g



**AZ 023**  
aluminium  
opening: 60 mm  
weight: 480 g



**AZ 024**  
aluminium  
opening: 100 mm  
weight: 920 g



**AZ 025**  
galvanized steel  
opening: 80 mm  
weight: 800 g



energy absorber  
**ABM**

safety lanyard  
**LB 102 - Ø 10,5mm**  
or  
**LB 122 - Ø 12mm**

## ABM+LB 102

energy absorber  
with double safety lanyard

EN 355 EN 354



Ref.: BW 200+LB 102

Max. length: 2x2m (included connected snap hooks).  
Material: Polyamide.

OTHER LENGHTES ON REQUEST

◀ ROPE  
Ø 10,5mm



## ABM+LB 122

energy absorber  
with double safety lanyard

EN 355 EN 354



Ref.: BW 200+LB 122

Max. length: 2x2m (included connected snap hooks).  
Material: Polyamide.

OTHER LENGHTES ON REQUEST

◀ ROPE  
Ø 12,mm





# Energy absorbers

**AZ 002**  
galvanized steel  
opening: 18 mm  
weight: 220 g



**AZ 003**  
aluminium  
opening: 20 mm  
weight: 160 g



**AZ 004**  
aluminium  
opening: 22 mm  
weight: 180 g  
twist lock



**AZ 040**  
aluminium  
opening: 23 mm  
weight: 80 g



**AZ 041T**  
aluminium  
opening: 23 mm  
weight: 100 g  
twist lock



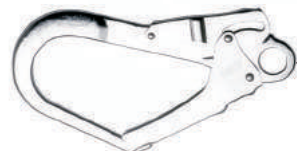
**AZ 020**  
galvanized steel  
opening: 23 mm  
weight: 230 g



**AZ 021T**  
galvanized steel  
opening: 23 mm  
weight: 250 g  
twist lock



**AZ 022**  
galvanized steel  
opening: 50 mm  
weight: 500 g



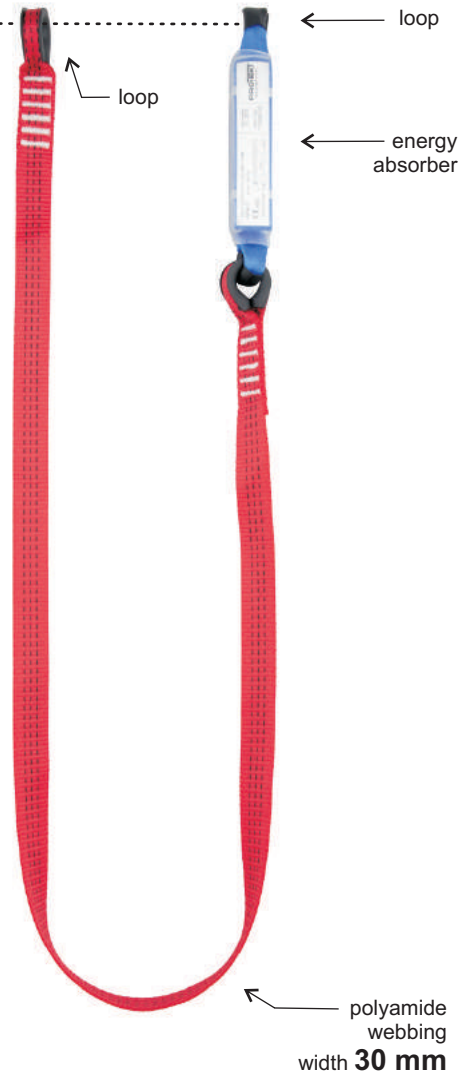
**AZ 023**  
aluminium  
opening: 60 mm  
weight: 480 g



**AZ 024**  
aluminium  
opening: 100 mm  
weight: 920 g



**AZ 025**  
galvanized steel  
opening: 80 mm  
weight: 800 g



## ABM-T energy absorber with webbing

EN 355, EN 354



Ref.: BW 700

Max. length: 2m (included connected snap hooks).  
Material: Polyamide.

OTHER LENGHTES ON REQUEST

# Energy absorbers

**AZ 002**  
galvanized steel  
opening: 18 mm  
weight: 220 g



**AZ 003**  
aluminium  
opening: 20 mm  
weight: 160 g



**AZ 004**  
aluminium  
opening: 22 mm  
weight: 180 g  
twist lock



**AZ 040**  
aluminium  
opening: 23 mm  
weight: 80 g



**AZ 041T**  
aluminium  
opening: 23 mm  
weight: 100 g  
twist lock



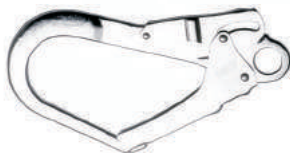
**AZ 020**  
galvanized steel  
opening: 23 mm  
weight: 230 g



**AZ 021T**  
galvanized steel  
opening: 23 mm  
weight: 250 g  
twist lock



**AZ 022**  
galvanized steel  
opening: 50 mm  
weight: 500 g



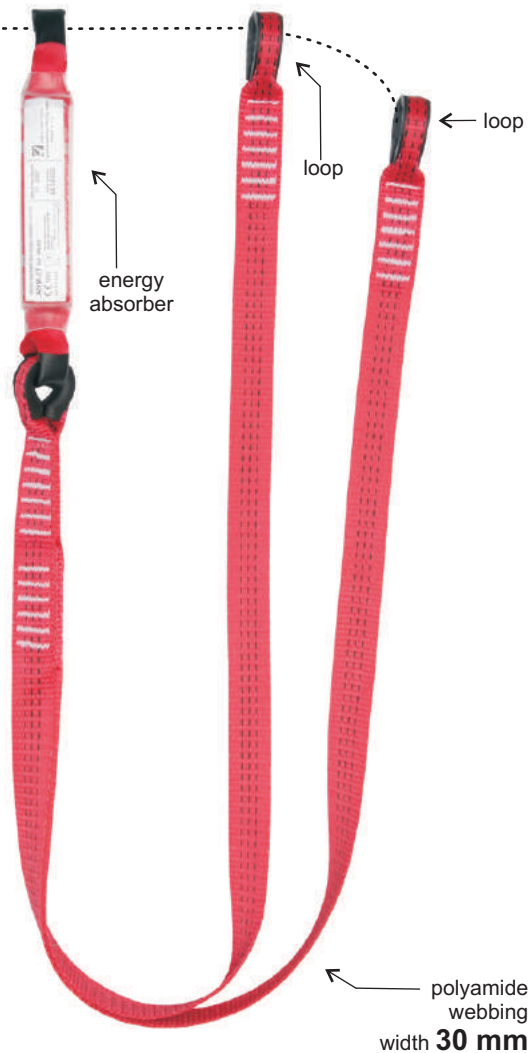
**AZ 023**  
aluminium  
opening: 60 mm  
weight: 480 g



**AZ 024**  
aluminium  
opening: 100 mm  
weight: 920 g



**AZ 025**  
galvanized steel  
opening: 80 mm  
weight: 800 g



## ABM-2T energy absorber with double webbing

EN 355, EN 354



Ref.: BW 800

Max. length: 2x2m (included connected snap hooks).  
Material: Polyamide.

OTHER LENGHTES ON REQUEST

# Energy absorbers

**AZ 002**  
galvanized steel  
opening: 18 mm  
weight: 220 g



**AZ 003**  
aluminium  
opening: 20 mm  
weight: 160 g



**AZ 004**  
aluminium  
opening: 22 mm  
weight: 180 g  
twist lock



**AZ 040**  
aluminium  
opening: 23 mm  
weight: 80 g



**AZ 041T**  
aluminium  
opening: 23 mm  
weight: 100 g  
twist lock



**AZ 020**  
galvanized steel  
opening: 23 mm  
weight: 230 g



**AZ 021T**  
galvanized steel  
opening: 23 mm  
weight: 250 g  
twist lock



**AZ 022**  
galvanized steel  
opening: 50 mm  
weight: 500 g



**AZ 023**  
aluminium  
opening: 60 mm  
weight: 480 g



**AZ 024**  
aluminium  
opening: 100 mm  
weight: 920 g



**AZ 025**  
galvanized steel  
opening: 80 mm  
weight: 800 g



loop

loop

energy absorber  
**ABM**

elastic safety lanyard  
**LE 101**

## ABM+LE 101 energy absorber with elastic safety lanyard

EN 355 EN 354



Ref.: BW 200+LE 101

Max. length: 2m (included connected snap hooks).  
Material: Polyamide.

OTHER LENGHTES ON REQUEST

# Energy absorbers

**AZ 002**  
galvanized steel  
opening: 18 mm  
weight: 220 g



**AZ 003**  
aluminium  
opening: 20 mm  
weight: 160 g



**AZ 004**  
aluminium  
opening: 22 mm  
weight: 180 g  
twist lock



**AZ 040**  
aluminium  
opening: 23 mm  
weight: 80 g



**AZ 041T**  
aluminium  
opening: 23 mm  
weight: 100 g  
twist lock



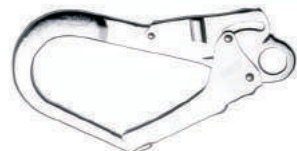
**AZ 020**  
galvanized steel  
opening: 23 mm  
weight: 230 g



**AZ 021T**  
galvanized steel  
opening: 23 mm  
weight: 250 g  
twist lock



**AZ 022**  
galvanized steel  
opening: 50 mm  
weight: 500 g



**AZ 023**  
aluminium  
opening: 60 mm  
weight: 480 g



**AZ 024**  
aluminium  
opening: 100 mm  
weight: 920 g



**AZ 025**  
galvanized steel  
opening: 80 mm  
weight: 800 g



## ABM+2LE 101 energy absorber with double elastic safety lanyard

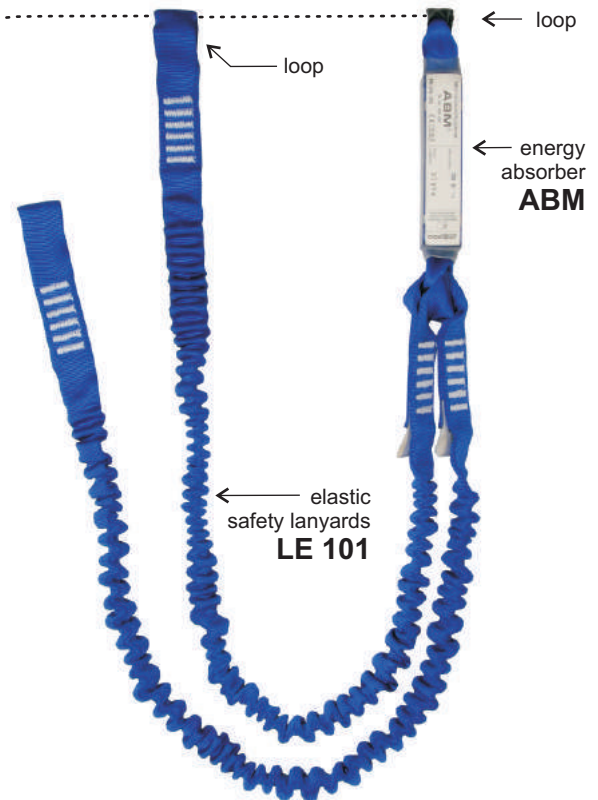
EN 355 EN 354



Ref.: BW 200+2LE 101

Max. length: 2m (included connected snap hooks).  
Material: Polyamide.

OTHER LENGHTES ON REQUEST



# Energy absorbers

**AZ 002**  
galvanized steel  
opening: 18 mm  
weight: 220 g



**AZ 003**  
aluminium  
opening: 20 mm  
weight: 160 g



**AZ 004**  
aluminium  
opening: 22 mm  
weight: 180 g  
twist lock



**AZ 040**  
aluminium  
opening: 23 mm  
weight: 80 g



**AZ 041T**  
aluminium  
opening: 23 mm  
weight: 100 g  
twist lock



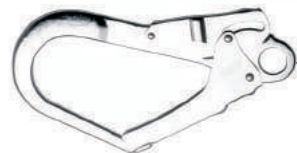
**AZ 020**  
galvanized steel  
opening: 23 mm  
weight: 230 g



**AZ 021T**  
galvanized steel  
opening: 23 mm  
weight: 250 g  
twist lock



**AZ 022**  
galvanized steel  
opening: 50 mm  
weight: 500 g



**AZ 023**  
aluminium  
opening: 60 mm  
weight: 480 g



**AZ 024**  
aluminium  
opening: 100 mm  
weight: 920 g



**AZ 025**  
galvanized steel  
opening: 80 mm  
weight: 800 g



## LA 101 energy absorbing lanyard

EN 355



Ref.: LA 101 xx (xx - length)

Standards:

LA 101 12 - length 1,2 m

LA 101 16 - length 1,6 m

Material: Polyamide.

OTHER LENGHTES ON REQUEST

# Energy absorbers

## Aramid rope

**AZ 002**  
galvanized steel  
opening: 18 mm  
weight: 220 g



**AZ 003**  
aluminium  
opening: 20 mm  
weight: 160 g



**AZ 004**  
aluminium  
opening: 22 mm  
weight: 180 g  
twist lock



**AZ 040**  
aluminium  
opening: 23 mm  
weight: 80 g



**AZ 041T**  
aluminium  
opening: 23 mm  
weight: 100 g  
twist lock



**AZ 020**  
galvanized steel  
opening: 23 mm  
weight: 230 g



**AZ 021T**  
galvanized steel  
opening: 23 mm  
weight: 250 g  
twist lock



**AZ 022**  
galvanized steel  
opening: 50 mm  
weight: 500 g



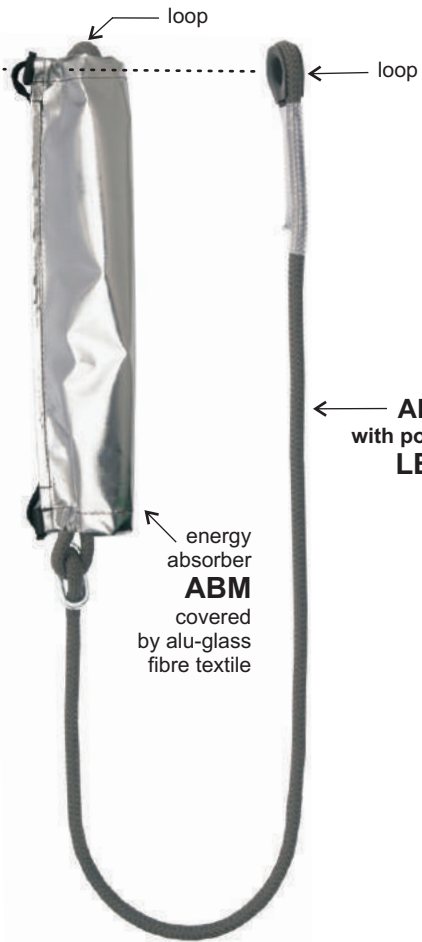
**AZ 023**  
aluminium  
opening: 60 mm  
weight: 480 g



**AZ 024**  
aluminium  
opening: 100 mm  
weight: 920 g



**AZ 025**  
galvanized steel  
opening: 80 mm  
weight: 800 g



energy absorber  
**ABM**  
covered by alu-glass fibre textile

← **ARAMID rope with polyamide core**  
**LB 200 FLR**  
Ø 11mm

## ABM+LB 200 FLR energy absorber with ADJUSTABLE safety lanyard

EN 355 EN 354



Ref.: BW 200+LB 200 FLR

Max. length: 2m (included connected snap hooks).  
Material: Aramid rope with polyester core;

OTHER LENGHTES ON REQUEST

### ATTENTION:

For hot works  
like welding,  
grinding, soldering  
metal cutting.

The rope is protected  
against sparks,  
molten metal drops, etc.

EN 358 p.4.1.5  
resistance to flame



# Energy absorbers

## Aramid rope

**AZ 002**  
galvanized steel  
opening: 18 mm  
weight: 220 g



**AZ 003**  
aluminium  
opening: 20 mm  
weight: 160 g



**AZ 004**  
aluminium  
opening: 22 mm  
weight: 180 g  
twist lock



**AZ 040**  
aluminium  
opening: 23 mm  
weight: 80 g



**AZ 041T**  
aluminium  
opening: 23 mm  
weight: 100 g  
twist lock



**AZ 020**  
galvanized steel  
opening: 23 mm  
weight: 230 g



**AZ 021T**  
galvanized steel  
opening: 23 mm  
weight: 250 g  
twist lock



**AZ 022**  
galvanized steel  
opening: 50 mm  
weight: 500 g



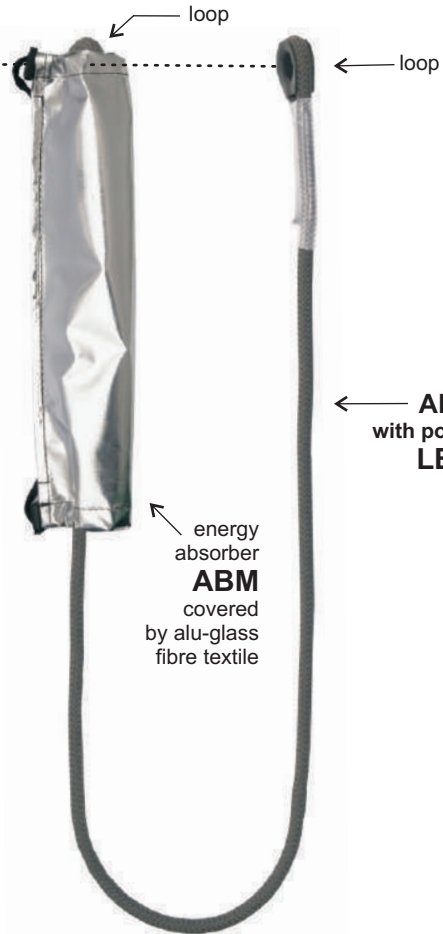
**AZ 023**  
aluminium  
opening: 60 mm  
weight: 480 g



**AZ 024**  
aluminium  
opening: 100 mm  
weight: 920 g



**AZ 025**  
galvanized steel  
opening: 80 mm  
weight: 800 g



## ABM+LB 201 FLR energy absorber with safety lanyard

EN 355 EN 354



Ref.: BW 200+LB 201 FLR

Max. length: 2m (included connected snap hooks).  
Material: Aramid rope with polyester core;

OTHER LENGHTES ON REQUEST

### ATTENTION:

For hot works  
like welding,  
grinding, soldering  
metal cutting.

The rope is protected  
against sparks,  
molten metal drops, etc.

EN 358 p.4.1.5  
resistance to flame



# Energy absorbers

**AZ 002**  
galvanized steel  
opening: 18 mm  
weight: 220 g



**AZ 003**  
aluminium  
opening: 20 mm  
weight: 160 g



**AZ 004**  
aluminium  
opening: 22 mm  
weight: 180 g  
twist lock



**AZ 040**  
aluminium  
opening: 23 mm  
weight: 80 g



**AZ 041T**  
aluminium  
opening: 23 mm  
weight: 100 g  
twist lock



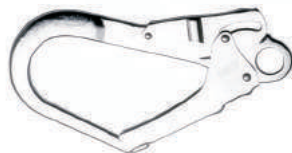
**AZ 020**  
galvanized steel  
opening: 23 mm  
weight: 230 g



**AZ 021T**  
galvanized steel  
opening: 23 mm  
weight: 250 g  
twist lock



**AZ 022**  
galvanized steel  
opening: 50 mm  
weight: 500 g



**AZ 023**  
aluminium  
opening: 60 mm  
weight: 480 g



**AZ 024**  
aluminium  
opening: 100 mm  
weight: 920 g



**AZ 025**  
galvanized steel  
opening: 80 mm  
weight: 800 g



energy absorber  
**ABM**  
covered by alu-glass fibre textile



**ARAMID rope**  
with polyamide core  
**LB 200 FLR**  
Ø 11mm

## ABM+2LB 200 FLR energy absorber with double ADJUSTABLE safety lanyard

EN 354 EN 355 EN 362



Ref.: BW 200+2LB 200 FLR

Max. length: 2m (included connected snap hooks).  
Material: Aramid rope with polyester core;

OTHER LENGHTES ON REQUEST

### ATTENTION:

For hot works  
like welding,  
grinding, soldering  
metal cutting.

The rope is protected  
against sparks,  
molten metal drops, etc.

EN 358 p.4.1.5  
resistance to flame





# Energy absorbers

**AZ 002**  
galvanized steel  
opening: 18 mm  
weight: 220 g



**AZ 003**  
aluminium  
opening: 20 mm  
weight: 160 g



**AZ 004**  
aluminium  
opening: 22 mm  
weight: 180 g  
twist lock



**AZ 040**  
aluminium  
opening: 23 mm  
weight: 80 g



**AZ 041T**  
aluminium  
opening: 23 mm  
weight: 100 g  
twist lock



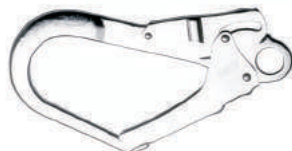
**AZ 020**  
galvanized steel  
opening: 23 mm  
weight: 230 g



**AZ 021T**  
galvanized steel  
opening: 23 mm  
weight: 250 g  
twist lock



**AZ 022**  
galvanized steel  
opening: 50 mm  
weight: 500 g



**AZ 023**  
aluminium  
opening: 60 mm  
weight: 480 g



**AZ 024**  
aluminium  
opening: 100 mm  
weight: 920 g



**AZ 025**  
galvanized steel  
opening: 80 mm  
weight: 800 g



## ABM+LB 202 FLR energy absorber with double safety lanyard

EN 354 EN 355 EN 362



Ref.: BW 200+LB 202 FLR

Max. length: 2m (included connected snap hooks).  
Material: Aramid rope with polyester core;

OTHER LENGHTES ON REQUEST

### ATTENTION:

For hot works  
like welding,  
grinding, soldering  
metal cutting.

The rope is protected  
against sparks,  
molten metal drops, etc.

EN 358 p.4.1.5  
resistance to flame



# Safety lanyards

**AZ 002**  
galvanized steel  
opening: 18 mm  
weight: 220 g



**AZ 003**  
aluminium  
opening: 20 mm  
weight: 160 g



**AZ 004**  
aluminium  
opening: 22 mm  
weight: 180 g  
twist lock



**AZ 040**  
aluminium  
opening: 23 mm  
weight: 80 g



**AZ 041T**  
aluminium  
opening: 23 mm  
weight: 100 g  
twist lock



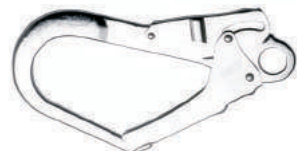
**AZ 020**  
galvanized steel  
opening: 23 mm  
weight: 230 g



**AZ 021T**  
galvanized steel  
opening: 23 mm  
weight: 250 g  
twist lock



**AZ 022**  
galvanized steel  
opening: 50 mm  
weight: 500 g



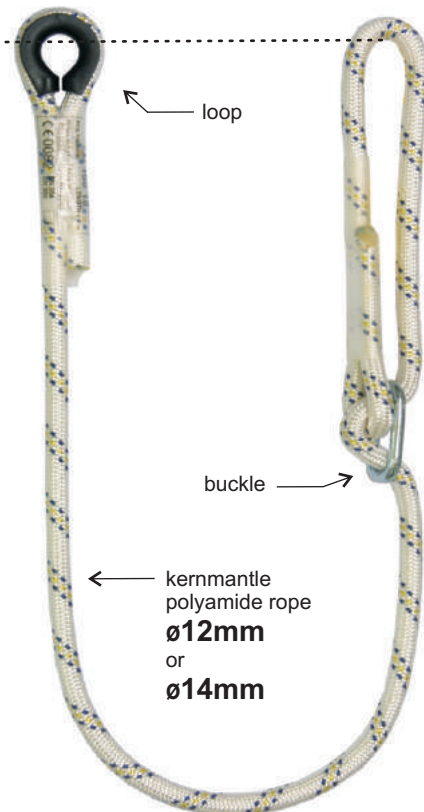
**AZ 023**  
aluminium  
opening: 60 mm  
weight: 480 g



**AZ 024**  
aluminium  
opening: 100 mm  
weight: 920 g



**AZ 025**  
galvanized steel  
opening: 80 mm  
weight: 800 g



Can be used as:  
- safety lanyard with energy absorber  
- work positioning lanyard  
Material: Polyamide

## LB 100 universal adjustable safety lanyard ø12 mm

EN 354 EN 358



Ref.: LB 100 xx (xx - length)

Standards:

LB 100 10 - length 1,0m

LB 100 15 - length 1,5m

LB 100 20 - length 2,0m

OTHER LENGHTES

ØN REQUEST



◀ ROPE  
ø12mm

## LB 140 universal adjustable safety lanyard ø14 mm

EN 354 EN 358



Ref.: LB 140 xx (xx - length)

Standards:

LB 140 10 - length 1,0m

LB 140 15 - length 1,5m

LB 140 20 - length 2,0m

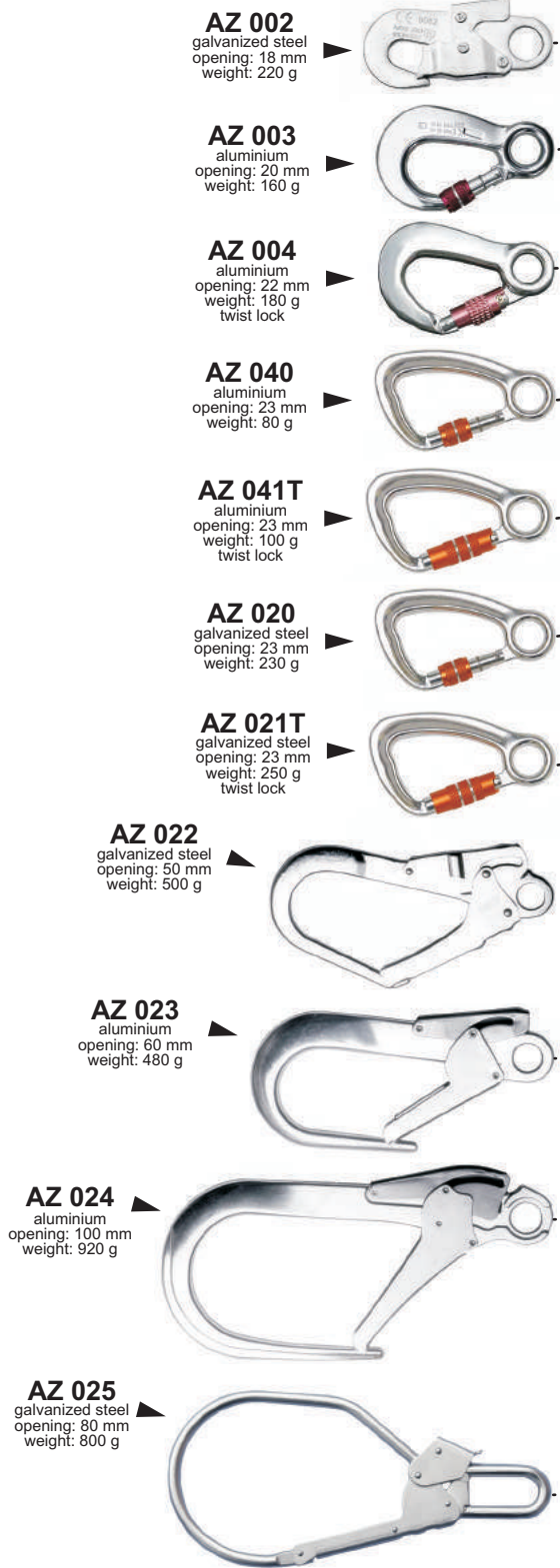
OTHER LENGHTES

ØN REQUEST



◀ ROPE  
ø14mm

# Safety lanyards



**AZ 002**  
galvanized steel  
opening: 18 mm  
weight: 220 g

**AZ 003**  
aluminium  
opening: 20 mm  
weight: 160 g

**AZ 004**  
aluminium  
opening: 22 mm  
weight: 180 g  
twist lock

**AZ 040**  
aluminium  
opening: 23 mm  
weight: 80 g

**AZ 041T**  
aluminium  
opening: 23 mm  
weight: 100 g  
twist lock

**AZ 020**  
galvanized steel  
opening: 23 mm  
weight: 230 g

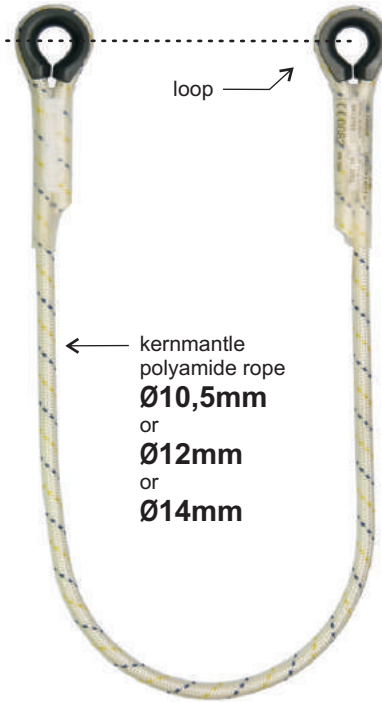
**AZ 021T**  
galvanized steel  
opening: 23 mm  
weight: 250 g  
twist lock

**AZ 022**  
galvanized steel  
opening: 50 mm  
weight: 500 g

**AZ 023**  
aluminium  
opening: 60 mm  
weight: 480 g

**AZ 024**  
aluminium  
opening: 100 mm  
weight: 920 g

**AZ 025**  
galvanized steel  
opening: 80 mm  
weight: 800 g



Can be used as:  
- safety lanyard with energy absorber;  
- work positioning lanyard;  
Material: Polyamide;

## LB 101 universal safety lanyard Ø10,5mm

EN 354 EN 358



Ref.: LB 101 xx (xx - length)

Standards:

LB 101 10 - length 1,0m

LB 101 15 - length 1,5m

LB 101 20 - length 2,0m

OTHER LENGHTES ØN REQUEST



◀ ROPE  
Ø10,5mm

## LB 121 universal safety lanyard Ø12mm

EN 354 EN 358



Ref.: LB 121 xx (xx - length)

Standards:

LB 121 10 - length 1,0m

LB 121 15 - length 1,5m

LB 121 20 - length 2,0m

OTHER LENGHTES ØN REQUEST



◀ ROPE  
Ø12mm

## LB 141 universal safety lanyard Ø14mm

EN 354 EN 358



Ref.: LB 141 xx (xx - length)

Standards:

LB 141 10 - length 1,0m

LB 141 15 - length 1,5m

LB 141 20 - length 2,0m

OTHER LENGHTES ØN REQUEST



◀ ROPE  
Ø14mm

# Safety lanyards

## Aramid rope

**AZ 011**  
galvanized steel  
opening: 22 mm  
weight: 180 g



**AZ 002**  
galvanized steel  
opening: 18 mm  
weight: 220 g



**AZ 003**  
aluminium  
opening: 20 mm  
weight: 160 g



**AZ 004**  
aluminium  
opening: 22 mm  
weight: 180 g  
twist lock



**AZ 040**  
aluminium  
opening: 23 mm  
weight: 80 g



**AZ 041T**  
aluminium  
opening: 23 mm  
weight: 100 g  
twist lock



**AZ 020**  
galvanized steel  
opening: 23 mm  
weight: 230 g



**AZ 021T**  
galvanized steel  
opening: 23 mm  
weight: 250 g  
twist lock



**AZ 022**  
galvanized steel  
opening: 50 mm  
weight: 500 g



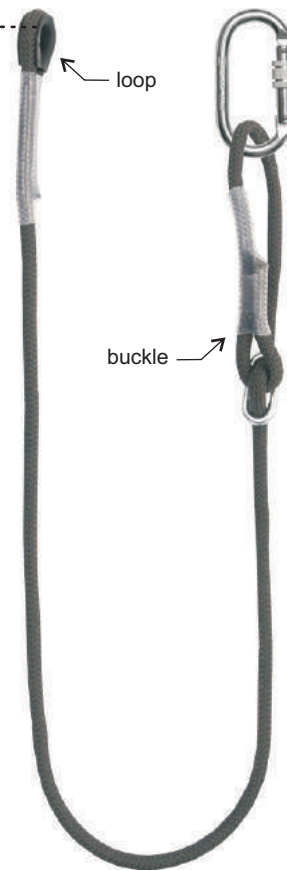
**AZ 023**  
aluminium  
opening: 60 mm  
weight: 480 g



**AZ 024**  
aluminium  
opening: 100 mm  
weight: 920 g



**AZ 025**  
galvanized steel  
opening: 80 mm  
weight: 800 g



ARAMID rope  
with polyamide core  
Ø 11 mm

## LB 200 FLR universal adjustable safety lanyard

EN 354 EN 358



Ref.: LB 200 xx (xx - length)

Standards:

LB 200 10 - length 1,0 m

LB 200 15 - length 1,5 m

LB 200 20 - length 2,0 m

ØTHER LENGHTES ØN REQUEST

Can be used as:

- safety lanyard with energy absorber.

Material: Aramid rope with polyamide core

### ATTENTION:

For hot works  
like welding,  
grinding, soldering  
metal cutting.

The rope is protected  
against sparks,  
molten metal drops, etc.

EN 358 p.4.1.5  
resistance to flame



# Safety lanyards

## Aramid rope

**AZ 002**  
galvanized steel  
opening: 18 mm  
weight: 220 g



**AZ 003**  
aluminium  
opening: 20 mm  
weight: 160 g



**AZ 004**  
aluminium  
opening: 22 mm  
weight: 180 g  
twist lock



**AZ 040**  
aluminium  
opening: 23 mm  
weight: 80 g



**AZ 041T**  
aluminium  
opening: 23 mm  
weight: 100 g  
twist lock



**AZ 020**  
galvanized steel  
opening: 23 mm  
weight: 230 g



**AZ 021T**  
galvanized steel  
opening: 23 mm  
weight: 250 g  
twist lock



**AZ 022**  
galvanized steel  
opening: 50 mm  
weight: 500 g



**AZ 023**  
aluminium  
opening: 60 mm  
weight: 480 g



**AZ 024**  
aluminium  
opening: 100 mm  
weight: 920 g



**AZ 025**  
galvanized steel  
opening: 80 mm  
weight: 800 g



loop

ARAMID rope  
with polyamide core  
Ø 11 mm

## LB 201 FLR universal safety lanyard

EN 354 EN 358



Ref.: LB 201 xx (xx - length)

Standards:

LB 201 10 - length 1,0 m

LB 201 15 - length 1,5 m

LB 201 20 - length 2,0 m

OTHER LENGHTES ØN REQUEST

Can be used as:

- safety lanyard with energy absorber.

Material: Aramid rope with polyamide core

### ATTENTION:

For hot works  
like welding,  
grinding, soldering  
metal cutting.

The rope is protected  
against sparks,  
molten metal drops, etc.

EN 358 p.4.1.5  
resistance to flame



# Safety lanyards

**AZ 002**  
galvanized steel  
opening: 18 mm  
weight: 220 g



**AZ 003**  
aluminium  
opening: 20 mm  
weight: 160 g



**AZ 004**  
aluminium  
opening: 22 mm  
weight: 180 g  
twist lock



**AZ 040**  
aluminium  
opening: 23 mm  
weight: 80 g



**AZ 041T**  
aluminium  
opening: 23 mm  
weight: 100 g  
twist lock



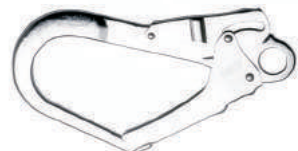
**AZ 020**  
galvanized steel  
opening: 23 mm  
weight: 230 g



**AZ 021T**  
galvanized steel  
opening: 23 mm  
weight: 250 g  
twist lock



**AZ 022**  
galvanized steel  
opening: 50 mm  
weight: 500 g



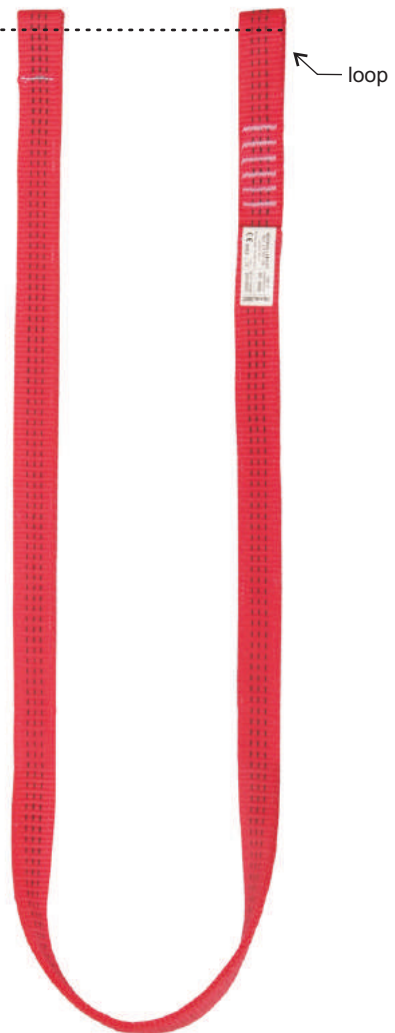
**AZ 023**  
aluminium  
opening: 60 mm  
weight: 480 g



**AZ 024**  
aluminium  
opening: 100 mm  
weight: 920 g



**AZ 025**  
galvanized steel  
opening: 80 mm  
weight: 800 g



## LT 101 universal safety lanyard

EN 354 EN 358



Ref.: LT 101 xx (xx - length)

Standards:

LT 101 08 - length 0,8m

LT 101 15 - length 1,5m

LT 101 20 - length 2,0m

### OTHER LENGHTES ØN REQUEST

Can be used as:

- safety lanyard with energy absorber;
- work positioning lanyard;

Material: Poliester;

# Safety lanyards

**AZ 002**  
galvanized steel  
opening: 18 mm  
weight: 220 g



**AZ 003**  
aluminium  
opening: 20 mm  
weight: 160 g



**AZ 004**  
aluminium  
opening: 22 mm  
weight: 180 g  
twist lock



**AZ 040**  
aluminium  
opening: 23 mm  
weight: 80 g



**AZ 041T**  
aluminium  
opening: 23 mm  
weight: 100 g  
twist lock



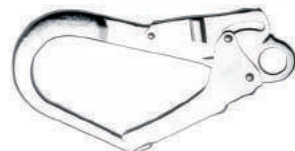
**AZ 020**  
galvanized steel  
opening: 23 mm  
weight: 230 g



**AZ 021T**  
galvanized steel  
opening: 23 mm  
weight: 250 g  
twist lock



**AZ 022**  
galvanized steel  
opening: 50 mm  
weight: 500 g



**AZ 023**  
aluminium  
opening: 60 mm  
weight: 480 g



**AZ 024**  
aluminium  
opening: 100 mm  
weight: 920 g



**AZ 025**  
galvanized steel  
opening: 80 mm  
weight: 800 g



## LE 101 elastic safety lanyard

EN 354



Ref.: LE 101 xx (xx - length)

Standards:

LE 101 10 - length 1,0m

LE 101 15 - length 1,5m

LE 101 20 - length 2,0m

ØTHER LENGHTES ØN REQUEST


Can be used as:


- safety lanyard with energy absorber.


Konstruktion: Double tubular webbing.


# Safety lanyards


- AZ 002**  
galvanized steel  
opening: 18 mm  
weight: 220 g



- AZ 003**  
aluminium  
opening: 20 mm  
weight: 160 g



- AZ 004**  
aluminium  
opening: 22 mm  
weight: 180 g  
twist lock

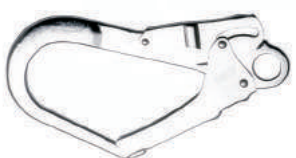

- AZ 040**  
aluminium  
opening: 23 mm  
weight: 80 g



- AZ 041T**  
aluminium  
opening: 23 mm  
weight: 100 g  
twist lock



- AZ 020**  
galvanized steel  
opening: 23 mm  
weight: 230 g



- AZ 021T**  
galvanized steel  
opening: 23 mm  
weight: 250 g  
twist lock


- AZ 022**  
galvanized steel  
opening: 50 mm  
weight: 500 g


- AZ 023**  
aluminium  
opening: 60 mm  
weight: 480 g


- AZ 024**  
aluminium  
opening: 100 mm  
weight: 920 g


- AZ 025**  
galvanized steel  
opening: 80 mm  
weight: 800 g





## LB 102 double safety lanyard

EN 354



Ref.: LB 102 xx xx (xx - length)

Standards:

LB 102 10 10 - length 2 x 1,0m

LB 102 15 15 - length 2 x 1,5m

LB 102 20 20 - length 2 x 2,0m

**OTHER LENGHTES ØN REQUEST**

Can be used as:

- safety lanyard with energy absorber.



# Fall arresters

on a flexible anchorage line

snap hooks for replace AZ 002

**AZ 003**  
aluminium  
opening: 20 mm  
weight: 160 g

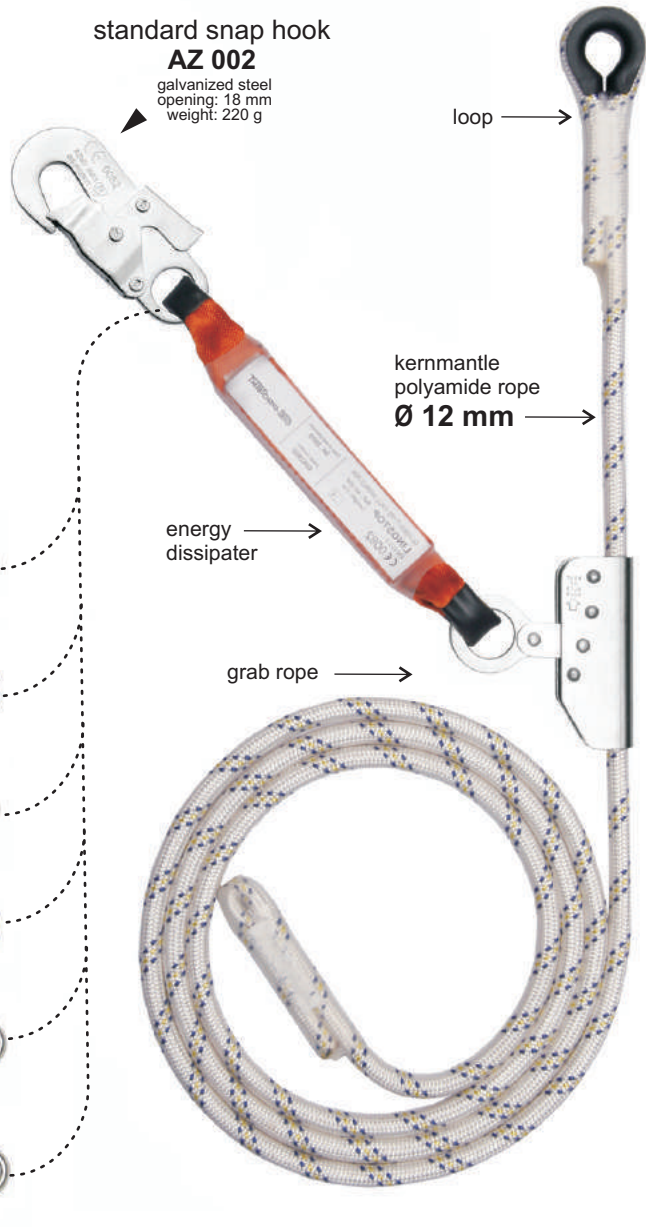
**AZ 004**  
aluminium  
opening: 22 mm  
weight: 180 g  
twist lock

**AZ 040**  
aluminium  
opening: 23 mm  
weight: 80 g

**AZ 041T**  
aluminium  
opening: 23 mm  
weight: 100 g  
twist lock

**AZ 020**  
galvanized steel  
opening: 23 mm  
weight: 230 g

**AZ 021T**  
galvanized steel  
opening: 23 mm  
weight: 250 g  
twist lock



## OTHER SNAP HOOKS ON REQUEST



## LINOSTOP II

guided type fall arrester  
on a flexible anchorage line

EN 353-2



Ref.: AC 060

Rope grab: stainless steel;  
Energy dissipater: polyamide.

Standards:

- AC 060 + AZ 002 + working rope length 5m
- AC 060 + AZ 002 + working rope length 10m
- AC 060 + AZ 002 + working rope length 15m
- AC 060 + AZ 002 + working rope length 20m
- AC 060 + AZ 002 + working rope length 25m
- AC 060 + AZ 002 + working rope length 30m
- AC 060 + AZ 002 + working rope length 35m
- AC 060 + AZ 002 + working rope length 40m
- AC 060 + AZ 002 + working rope length 50m

Other lenghtes on request.

# Fall arresters

on a flexible anchorage line

## AC 010

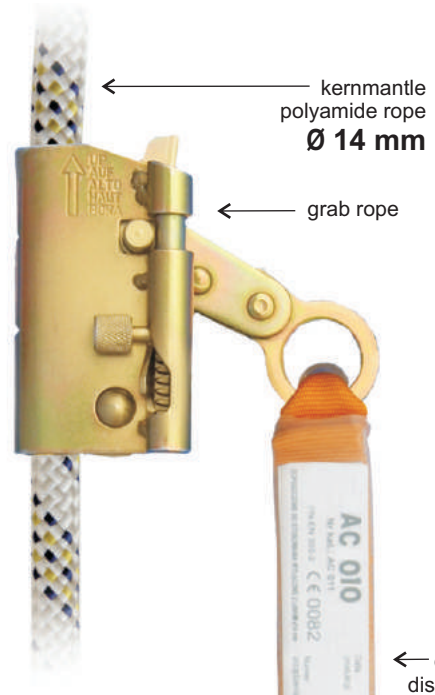
guided type fall arrester  
on a flexible anchorage line

EN 353-2



Ref.: AC 010

Rope grab: steel;  
Dissipater energy: polyamide;



rope grab + AZ 002

snap hooks for replace AZ 002

**AZ 003**  
aluminium  
opening: 20 mm  
weight: 160 g

**AZ 004**  
aluminium  
opening: 22 mm  
weight: 180 g  
twist lock

**AZ 040**  
aluminium  
opening: 23 mm  
weight: 80 g

**AZ 041T**  
aluminium  
opening: 23 mm  
weight: 100 g  
twist lock

**AZ 020**  
galvanized steel  
opening: 23 mm  
weight: 230 g

**AZ 021T**  
galvanized steel  
opening: 23 mm  
weight: 250 g  
twist lock



standard snap hook  
**AZ 002**  
galvanized steel  
opening: 18 mm  
weight: 220 g



## AC 100 - Ø 14 mm ROPE FOR AC 010

EN 353-2



Standards:

Ref.: AC 100 10 - length 10 m

Ref.: AC 100 20 - length 20 m

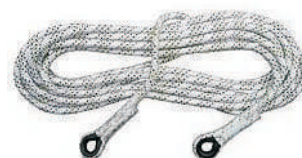
Ref.: AC 100 30 - length 30 m

Ref.: AC 100 40 - length 40 m

Ref.: AC 100 50 - length 50 m

Other lengthes on request.

Ø 14 mm



### OTHER SNAP HOOKS ON REQUEST



# Fall arresters

on a flexible anchorage line

## SKR-BLOCK

guided type fall arrester  
on a flexible anchorage line

EN 353-2



Ref.: AC 040

Rope grab: stainless steel

**AC 040 provides protection for one person.**

## AC 040

grab rope →



← kernmantle  
polyester rope  
Ø 12 mm

## AC 200 - Ø 12 mm ROPE FOR AC 040

EN 353-2



Standards:

Ref.: AC 200 10 - length 10 m

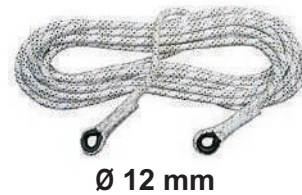
Ref.: AC 200 20 - length 20 m

Ref.: AC 200 30 - length 30 m

Ref.: AC 200 40 - length 40 m

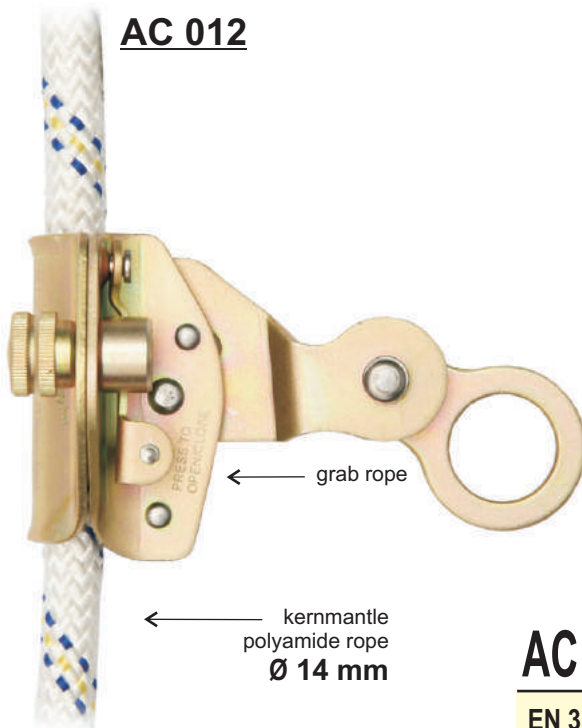
Ref.: AC 200 50 - length 50 m

Other lengths on request.



Ø 12 mm

## AC 012



← grab rope

← kernmantle  
polyamide rope  
Ø 14 mm

## AC 012

guided type fall arrester  
on a flexible anchorage line

EN 353-2



Ref.: AC 012

Rope grab: galvanized steel

**AC 012 provides protection for one person.**

## AC 100 - Ø 14 mm ROPE FOR AC 012

EN 353-2



Standards:

Ref.: AC 100 10 - length 10 m

Ref.: AC 100 20 - length 20 m

Ref.: AC 100 30 - length 30 m

Ref.: AC 100 40 - length 40 m

Ref.: AC 100 50 - length 50 m

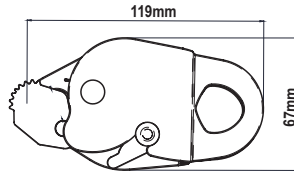
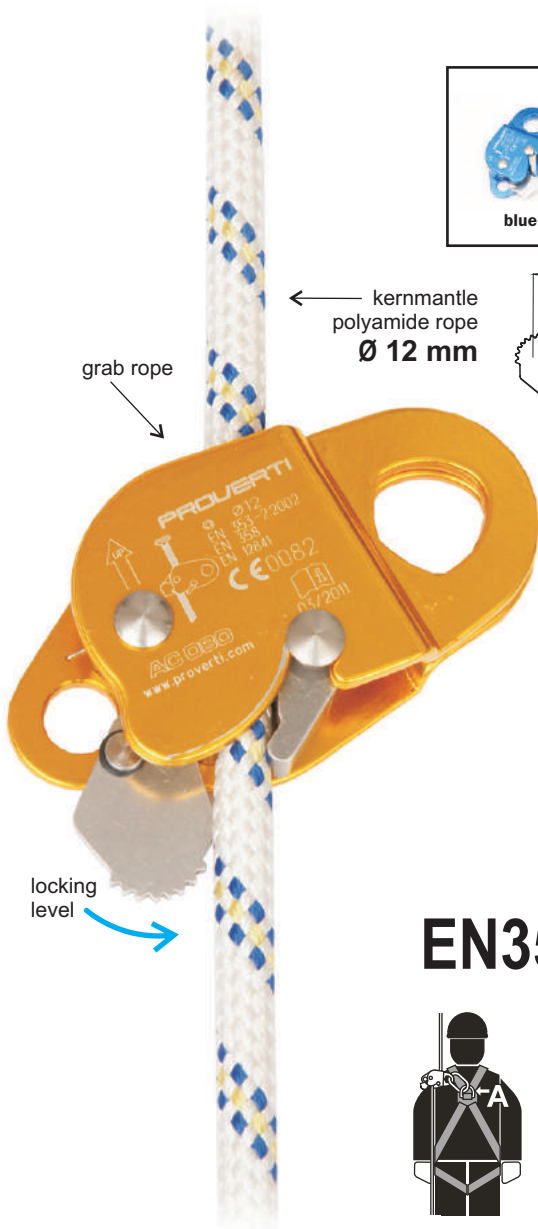
Other lengths on request.



Ø 14 mm

# Fall arresters

on a flexible anchorage line



## AC 080

guided type fall arrester  
on a flexible anchorage line

EN 353-2, EN 358, EN 12841



Ref.: AC 080

Weight: 194 g

Material: forged alu alloy

## AC 300

Ø 12 mm rope for AC 080

EN 353-2

Standards:

Ref.: AC 300 10 - length 10 m

Ref.: AC 300 20 - length 20 m

Ref.: AC 300 30 - length 30 m

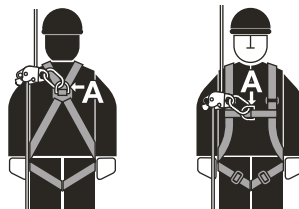
Ref.: AC 300 40 - length 40 m

Ref.: AC 300 50 - length 50 m

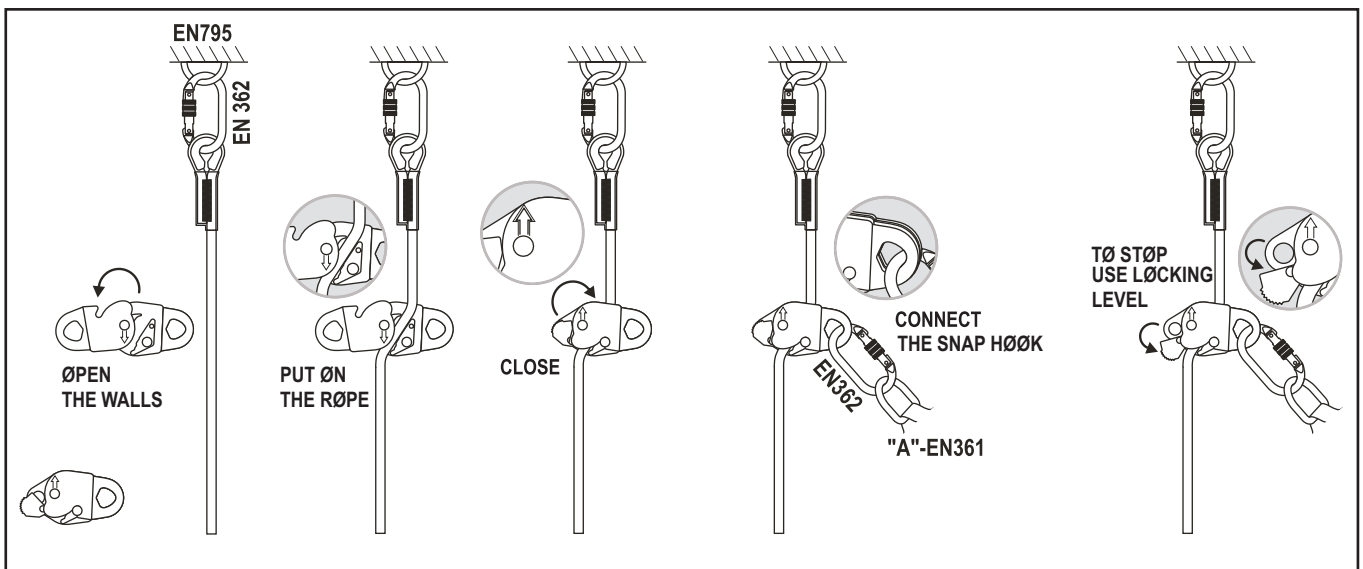
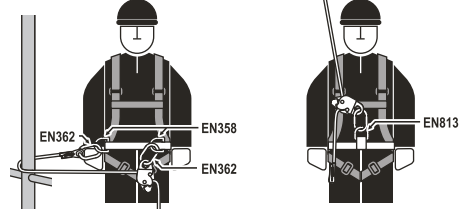
Other lenghtes on request.



## EN353-2

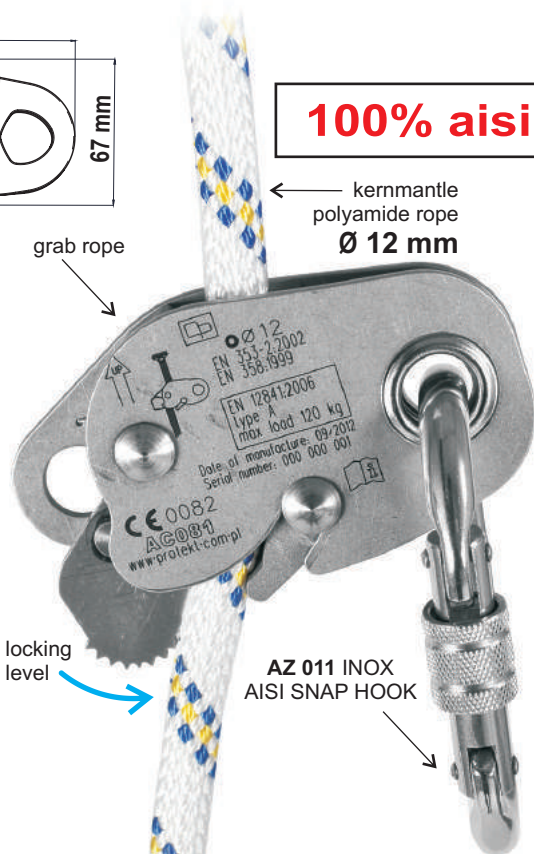
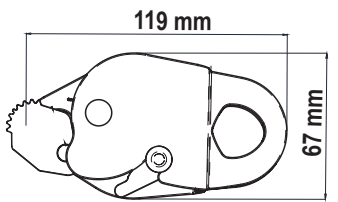


## EN358



# Fall arresters

on a flexible anchorage line



**100% aisi**

kernmantle polyamide rope  
Ø 12 mm

## AC 081 NEW

guided type fall arrester  
on a flexible anchorage line

EN 353-2, EN 358, EN 12841



Ref.: AC 081

Weight: 350 g

Material: stainless steel

## AC 300

Ø 12 mm rope for AC 081

EN 353-2

Standards:

Ref.: AC 300 10 - length 10 m

Ref.: AC 300 20 - length 20 m

Ref.: AC 300 30 - length 30 m

Ref.: AC 300 40 - length 40 m

Ref.: AC 300 50 - length 50 m

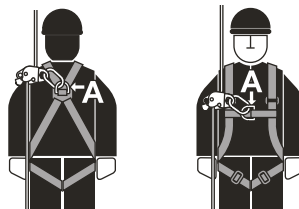
Other lenghtes on request.



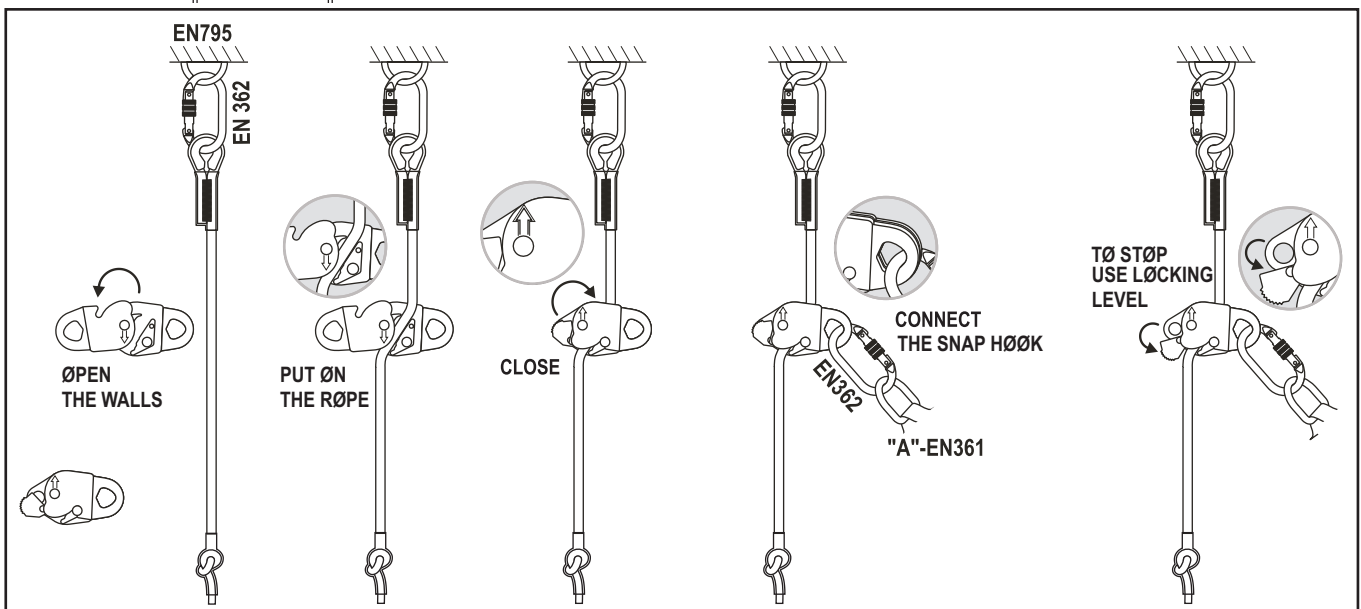
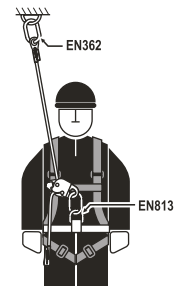
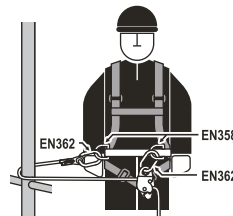
### EN 12841



### EN353-2



### EN358



# Work positioning

**AZ 002**  
galvanized steel  
opening: 18 mm  
weight: 220 g

**AZ 003**  
aluminium  
opening: 20 mm  
weight: 160 g

**AZ 004**  
aluminium  
opening: 22 mm  
weight: 180 g  
twist lock

**AZ 040**  
aluminium  
opening: 23 mm  
weight: 80 g

**AZ 041T**  
aluminium  
opening: 23 mm  
weight: 100 g  
twist lock

**AZ 020**  
galvanized steel  
opening: 23 mm  
weight: 230 g

**AZ 021T**  
galvanized steel  
opening: 23 mm  
weight: 250 g  
twist lock

**AZ 030**  
aluminium,  
galvanized steel  
opening: 23 mm  
weight: 200 g

**AZ 031T**  
aluminium,  
galvanized steel  
opening: 23 mm  
weight: 200 g  
twist lock

**AZ 050**  
galvanized steel  
opening: 23 mm  
weight: 360 g

**AZ 051T**  
galvanized steel  
opening: 23 mm  
weight: 360 g

**NEW!**  
**AZ 002AS**  
aluminium,  
opening: 24 mm  
weight: 215 g

**AZ 060**  
galvanized steel  
opening: 21 mm  
weight: 380 g

free ending of the rope

**AZ 011**  
galvanized steel  
opening: 18 mm  
weight: 220 g

adjuster of the rope length  
nickel-plated steel

kernmantle polyester rope  
Ø 12 mm

protecting tube

**PROT 11**  
**WØRK PØSITØNING DEVICE**

EN 358

CE

Ref.: AF 101 xx (xx - length)

Standards:  
AF 101 02 - length 2 m  
AF 101 03 - length 3 m  
AF 101 04 - length 4 m  
AF 101 05 - length 5 m  
AF 101 10 - length 10 m  
AF 101 15 - length 15 m  
AF 101 20 - length 20 m  
*Other lenghtes on request.*

# Work positioning

**AZ 002**  
galvanized steel  
opening: 18 mm  
weight: 220 g

**AZ 011**  
galvanized steel  
opening: 18 mm  
weight: 220 g

adjuster of the rope length  
stainless steel

polyester kermantle rope  
Ø 14 mm

protecting tube

**AZ 003**  
aluminium  
opening: 20 mm  
weight: 160 g

**AZ 004**  
aluminium  
opening: 22 mm  
weight: 180 g  
twist lock

**AZ 040**  
aluminium  
opening: 23 mm  
weight: 80 g

**AZ 041T**  
aluminium  
opening: 23 mm  
weight: 100 g  
twist lock

**AZ 020**  
galvanized steel  
opening: 23 mm  
weight: 230 g

**AZ 021T**  
galvanized steel  
opening: 23 mm  
weight: 250 g  
twist lock

**AZ 030**  
aluminium, galvanized steel  
opening: 23 mm  
weight: 200 g

**AZ 031T**  
aluminium, galvanized steel  
opening: 23 mm  
weight: 200 g  
twist lock

**AZ 050**  
galvanized steel  
opening: 23 mm  
weight: 360 g

**AZ 051T**  
galvanized steel  
opening: 23 mm  
weight: 360 g

**NEW!**  
**AZ 002AS**  
aluminium,  
opening: 24 mm  
weight: 215 g

**AZ 060**  
galvanized steel  
opening: 21 mm  
weight: 380 g

**PROT 2**  
**WØRK PØSITIØNING DEVICE**

EN 358

Ref.: AF 201 xx (xx - length)

Standards:  
 AF 201 02 - length 2 m  
 AF 201 03 - length 3 m  
 AF 201 04 - length 4 m  
 AF 201 05 - length 5 m  
 AF 201 10 - length 10 m  
 AF 201 15 - length 15 m  
 AF 201 20 - length 20 m  
[Other lenghtes on request.](#)

# Work positioning

**AZ 002**  
galvanized steel  
opening: 18 mm  
weight: 220 g

**AZ 003**  
aluminium  
opening: 20 mm  
weight: 160 g

**AZ 004**  
aluminium  
opening: 22 mm  
weight: 180 g  
twist lock

**AZ 040**  
aluminium  
opening: 23 mm  
weight: 80 g

**AZ 041T**  
aluminium  
opening: 23 mm  
weight: 100 g  
twist lock

**AZ 020**  
galvanized steel  
opening: 23 mm  
weight: 230 g

**AZ 021T**  
galvanized steel  
opening: 23 mm  
weight: 250 g  
twist lock

**AZ 030**  
aluminium,  
galvanized steel  
opening: 23 mm  
weight: 200 g

**AZ 031T**  
aluminium,  
galvanized steel  
opening: 23 mm  
weight: 200 g  
twist lock

**AZ 050**  
galvanized steel  
opening: 23 mm  
weight: 360 g

**AZ 051T**  
galvanized steel  
opening: 23 mm  
weight: 360 g

**NEW!**  
**AZ 002AS**  
aluminium,  
opening: 24 mm  
weight: 215 g

**AZ 060**  
galvanized steel  
opening: 21 mm  
weight: 380 g

free ending of the rope

adjuster of the rope length  
light alloys

kernmantle polyester rope  
Ø 14 mm

protecting tube

**PROT 3**  
**WØRK PØSITIONING DEVICE**

EN 358

Ref.: AF 130 xx (xx - length)

Standards:  
AF 130 02 - length 2 m  
AF 130 03 - length 3 m  
AF 130 04 - length 4 m  
AF 130 05 - length 5 m  
AF 130 10 - length 10 m  
AF 130 15 - length 15 m  
AF 130 20 - length 20 m  
Other lenghtes on request.



# Work positioning

**AZ 002**  
galvanized steel  
opening: 18 mm  
weight: 220 g



**AZ 003**  
aluminium  
opening: 20 mm  
weight: 160 g



**AZ 004**  
aluminium  
opening: 22 mm  
weight: 180 g  
twist lock



**AZ 040**  
aluminium  
opening: 23 mm  
weight: 80 g



**AZ 041T**  
aluminium  
opening: 23 mm  
weight: 100 g  
twist lock



**AZ 020**  
galvanized steel  
opening: 23 mm  
weight: 230 g



**AZ 021T**  
galvanized steel  
opening: 23 mm  
weight: 250 g  
twist lock



**AZ 030**  
aluminium,  
galvanized steel  
opening: 23 mm  
weight: 200 g



**AZ 031T**  
aluminium,  
galvanized steel  
opening: 23 mm  
weight: 200 g  
twist lock



**AZ 050**  
galvanized steel  
opening: 23 mm  
weight: 360 g



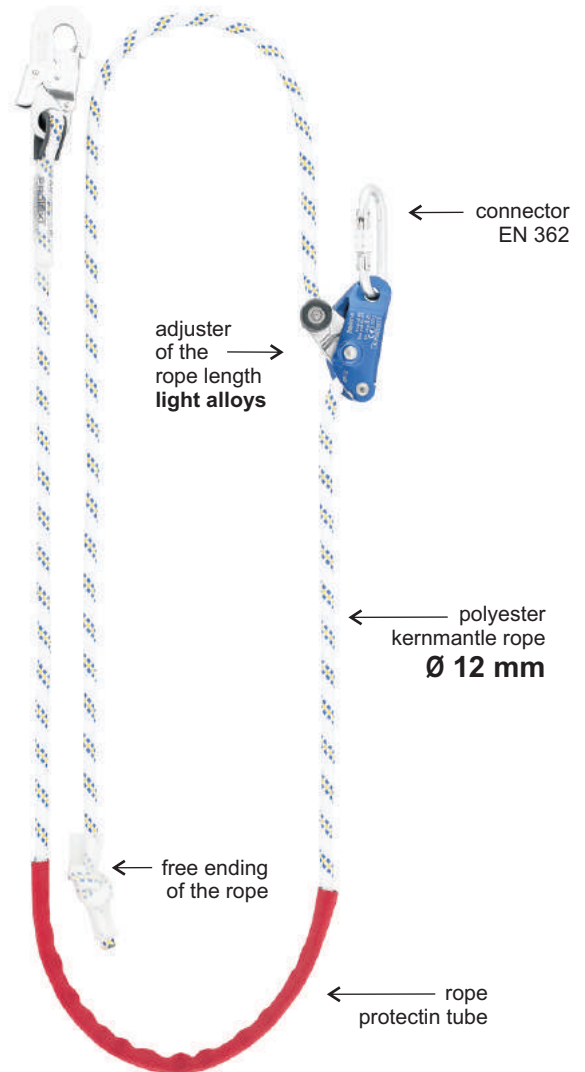
**AZ 051T**  
galvanized steel  
opening: 23 mm  
weight: 360 g



**NEW!**  
**AZ 002AS**  
aluminium,  
opening: 24 mm  
weight: 215 g



**AZ 060**  
galvanized steel  
opening: 21 mm  
weight: 380 g



## PROT 4 NEW! WØRK PØSITIONING DEVICE

EN 358



Ref.: AF 104 xx (xx - length)


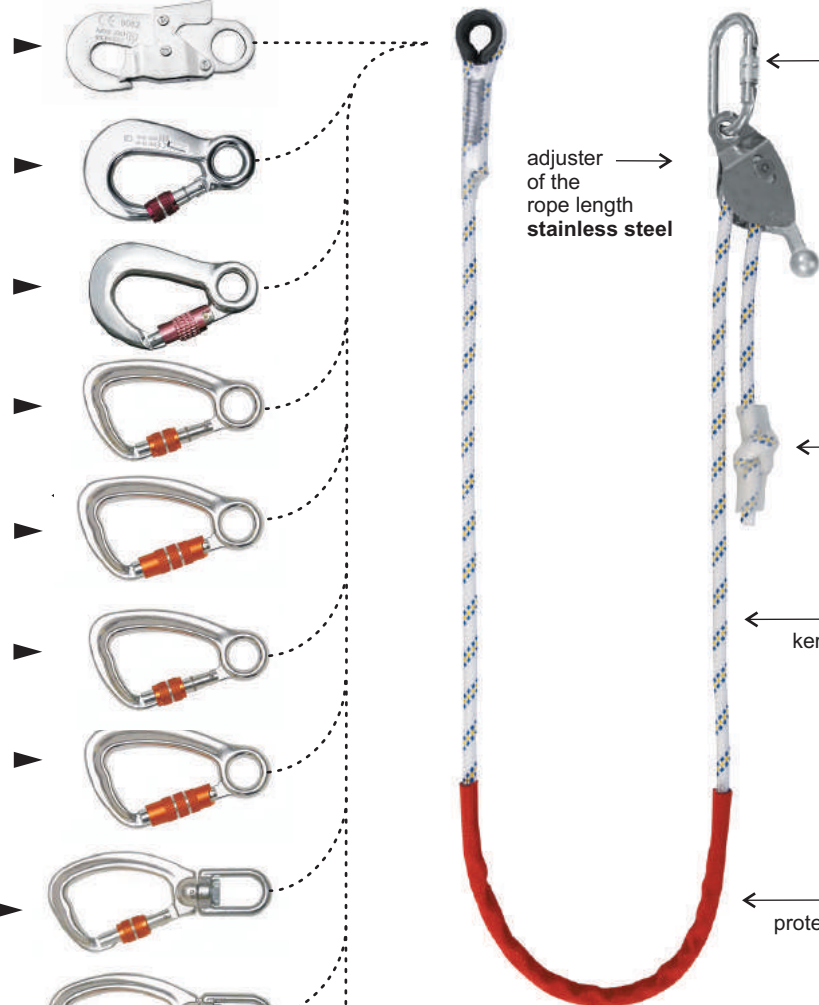












Material: stainless steel  
and polyester kernmantle rope

Standards:

- AF 104 20 - length 2 m
- AF 104 25 - length 2,5 m
- AF 104 30 - length 3 m
- AF 104 40 - length 4 m
- AF 104 50 - length 5 m
- AF 104 100 - length 10 m
- AF 104 200 - length 20 m

Other lenghtes on request.

# Work positioning

<p><b>AZ 002</b> galvanized steel opening: 18 mm weight: 220 g</p>		 <p>adjuster → of the rope length stainless steel</p> <p>← connector EN 362</p> <p>← free ending of the rope</p> <p>← polyester kernmantle rope Ø 12 mm</p> <p>← rope protectin tube</p>
<p><b>AZ 003</b> aluminium opening: 20 mm weight: 160 g</p>		
<p><b>AZ 004</b> aluminium opening: 22 mm weight: 180 g twist lock</p>		
<p><b>AZ 040</b> aluminium opening: 23 mm weight: 80 g</p>		
<p><b>AZ 041T</b> aluminium opening: 23 mm weight: 100 g twist lock</p>		
<p><b>AZ 020</b> galvanized steel opening: 23 mm weight: 230 g</p>		
<p><b>AZ 021T</b> galvanized steel opening: 23 mm weight: 250 g twist lock</p>		
<p><b>AZ 030</b> aluminium, galvanized steel opening: 23 mm weight: 200 g</p>		
<p><b>AZ 031T</b> aluminium, galvanized steel opening: 23 mm weight: 200 g twist lock</p>		
<p><b>AZ 050</b> galvanized steel opening: 23 mm weight: 360 g</p>		
<p><b>AZ 051T</b> galvanized steel opening: 23 mm weight: 360 g</p>		
<p><b>NEW!</b> <b>AZ 002AS</b> aluminium, opening: 24 mm weight: 215 g</p>		
<p><b>AZ 060</b> galvanized steel opening: 21 mm weight: 380 g</p>		

## PROT 22

### WØRK PØSITIØNING DEVICE

**EN 358**

**CE**

Ref.: AF 222 xx (xx - length)  
Material: stainless steel  
and polyester kernmantle rope

Standards:  
 AF 222 20 - length 2 m  
 AF 222 25 - length 2,5 m  
 AF 222 30 - length 3 m  
 AF 222 40 - length 4 m  
 AF 222 50 - length 5 m  
 AF 222 100 - length 10 m  
 AF 222 200 - length 20 m  
Other lenghtes on request.

# Work positioning

**AZ 002**  
galvanized steel  
opening: 18 mm  
weight: 220 g

**AZ 003**  
aluminium  
opening: 20 mm  
weight: 160 g

**AZ 004**  
aluminium  
opening: 22 mm  
weight: 180 g  
twist lock

**AZ 040**  
aluminium  
opening: 23 mm  
weight: 80 g

**AZ 041T**  
aluminium  
opening: 23 mm  
weight: 100 g  
twist lock

**AZ 020**  
galvanized steel  
opening: 23 mm  
weight: 230 g

**AZ 021T**  
galvanized steel  
opening: 23 mm  
weight: 250 g  
twist lock

**AZ 030**  
aluminium,  
galvanized steel  
opening: 23 mm  
weight: 200 g

**AZ 031T**  
aluminium,  
galvanized steel  
opening: 23 mm  
weight: 200 g  
twist lock

**AZ 050**  
galvanized steel  
opening: 23 mm  
weight: 360 g

**AZ 051T**  
galvanized steel  
opening: 23 mm  
weight: 360 g

**NEW!**  
**AZ 002AS**  
aluminium,  
opening: 24 mm  
weight: 215 g

**AZ 060**  
galvanized steel  
opening: 21 mm  
weight: 380 g

← polyester kernmantle rope Ø 16 mm

adjuster of the rope length  
light alloys →

← rope protectin tube

**PROT 6 NEW**  
**WØRK PØSITIØNING DEVICE**

**EN 358** **CE**

Ref.: AF 106 xx (xx - length)  
Material: aluminium and polyamide braided rope

Standards:  
AF 106 20 - length 2 m  
AF 106 25 - length 2,5 m  
AF 106 30 - length 3 m  
AF 106 40 - length 4 m  
AF 106 50 - length 5 m  
AF 106 100 - length 10 m  
AF 106 200 - length 20 m  
Other lenghtes on request.

# Work positioning

**AZ 002**  
galvanized steel  
opening: 18 mm  
weight: 220 g

**AZ 003**  
aluminium  
opening: 20 mm  
weight: 160 g

**AZ 004**  
aluminium  
opening: 22 mm  
weight: 180 g  
twist lock

**AZ 040**  
aluminium  
opening: 23 mm  
weight: 80 g

**AZ 041T**  
aluminium  
opening: 23 mm  
weight: 100 g  
twist lock

**AZ 020**  
galvanized steel  
opening: 23 mm  
weight: 230 g

**AZ 021T**  
galvanized steel  
opening: 23 mm  
weight: 250 g  
twist lock

**AZ 030**  
aluminium,  
galvanized steel  
opening: 23 mm  
weight: 200 g

**AZ 031T**  
aluminium,  
galvanized steel  
opening: 23 mm  
weight: 200 g  
twist lock

**AZ 050**  
galvanized steel  
opening: 23 mm  
weight: 360 g

**AZ 051T**  
galvanized steel  
opening: 23 mm  
weight: 360 g

**NEW!**  
**AZ 002AS**  
aluminium,  
opening: 24 mm  
weight: 215 g

**AZ 060**  
galvanized steel  
opening: 21 mm  
weight: 380 g

← polypropylene  
braided steel rope  
Ø 16 mm

adjuster →  
of the  
rope length  
stainless steel

← rope  
protectin tube

**PROT 70 NEW**  
**WØRK PØSITØNING DEVICE**

**EN 358**

Ref.: AF 170 xx (xx - length)  
Material: stainless steel  
and polypropylene braided steel rope

Standards:  
AF 170 20 - length 2 m  
AF 170 25 - length 2,5 m  
AF 170 30 - length 3 m  
AF 170 40 - length 4 m  
AF 170 50 - length 5 m  
AF 170 100 - length 10 m  
AF 170 200 - length 20 m  
Other lenghtes on request.

# Work positioning

- AZ 002**  
galvanized steel  
opening: 18 mm  
weight: 220 g
- AZ 003**  
aluminium  
opening: 20 mm  
weight: 160 g
- AZ 004**  
aluminium  
opening: 22 mm  
weight: 180 g  
twist lock
- AZ 040**  
aluminium  
opening: 23 mm  
weight: 80 g
- AZ 041T**  
aluminium  
opening: 23 mm  
weight: 100 g  
twist lock
- AZ 020**  
galvanized steel  
opening: 23 mm  
weight: 230 g
- AZ 021T**  
galvanized steel  
opening: 23 mm  
weight: 250 g  
twist lock
- AZ 022**  
galvanized steel  
opening: 50 mm  
weight: 500 g
- AZ 023**  
aluminium  
opening: 60 mm  
weight: 480 g
- AZ 024**  
aluminium  
opening: 100 mm  
weight: 920 g
- AZ 025**  
galvanized steel  
opening: 80 mm  
weight: 800 g



## AF 500 WØRK PØSITIØNING LANYARD

EN 358



Ref.: AF 500

AF 500 16 - length 1,6m

AF 500 20 - length 2,0m

ØTHER LENGHTES ØN REQUEST

Material: Poliester

# Work positioning

## AZ 600 WØRK PØSITØNING LANYARD

EN 795 type B



Ref.: AZ 600

AZ 600 002 - length 1,5m

AZ 600 003 - length 3,0m

AZ 600 006 - length 6,0m

Material: textile webbing

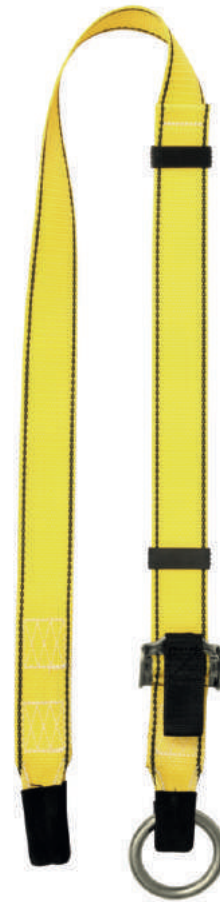
Width of tape: 40mm

Length: 2 - 6m

Static strength: 22kN

Portable anchoring point. One end is terminated with a metal ring.

The webbing is provided with an adjustable buckle.



## TU 900 CLIMBING SAVER

EN 795 type B



Ref.: TU 900

Length: 40, 60, 80, 100, 120, 140, 170 cm

(available also in other lengths)

Static strength: 15 kN

Weight for 1 m: 280g

Work positioning lanyard TU 900 is terminated with rings of different diameters. Rigid flat tape reduces twisting. TU 900 ensures protection of tree branches and facilitates moving the cable at work positioning height.

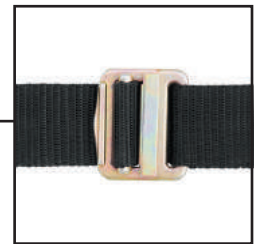
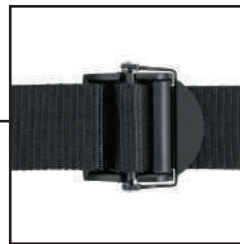
# Work positioning

- AZ 002**  
galvanized steel  
opening: 18 mm  
weight: 220 g
- AZ 003**  
aluminium  
opening: 20 mm  
weight: 160 g
- AZ 004**  
aluminium  
opening: 22 mm  
weight: 180 g  
twist lock
- AZ 040**  
aluminium  
opening: 23 mm  
weight: 80 g
- AZ 041T**  
aluminium  
opening: 23 mm  
weight: 100 g  
twist lock
- AZ 020**  
galvanized steel  
opening: 23 mm  
weight: 230 g
- AZ 021T**  
galvanized steel  
opening: 23 mm  
weight: 250 g  
twist lock
- AZ 022**  
galvanized steel  
opening: 50 mm  
weight: 500 g
- AZ 023**  
aluminium  
opening: 60 mm  
weight: 480 g
- AZ 024**  
aluminium  
opening: 100 mm  
weight: 920 g
- AZ 025**  
galvanized steel  
opening: 80 mm  
weight: 800 g



**AF 610**

**AF 600**



**alu buckle**

**steel buckle**

## AF 600, AF 610 WØRK PØSITIØNING LANYARD

EN 358



Ref.: AF 600, AF 610

AF 600 (steel buckle) - max. length 1,5m

AF 610 (alu buckle) - max. length 1,5m

**ØTHER LENGHTES ØN REQUEST**

Material: Poliester

# Work positioning

## **PB-20** work positioning belt

EN 358



Ref.: AP 020

Belt with two side attaching buckles.  
Size: M-XL - 670g  
XXL - 690g



## **PB-10** work positioning belt

EN 358



Ref.: AP 010

Belt with two side attaching buckles.  
Size: M-XL - 460g  
XXL - 480g



## **PB-11** work positioning belt

EN 358



Ref.: AP 011

Belt with two side attaching buckles and  
one real attaching buckle.  
Size: M-XL - 470g  
XXL - 490g



## **PB-70** work positioning belt

EN 358 EN 813



Ref.: AP 070

Belt with two side attaching buckles  
and and attaching point for sitting  
position.  
Size: M-XL - 990g  
XXL - 1020g

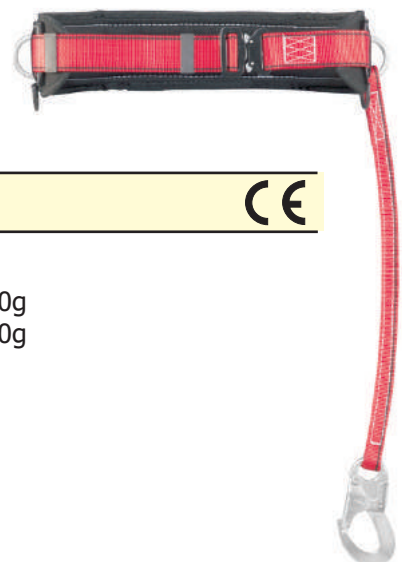


## **PB-31** fireman belt

EN 358



Size: M-XL - 900g  
XXL - 1000g





# Fall arresters

retractable type

## CR 240

### steel cable retractor

EN 360



- Ref.: CR 240 06 - cable length 6m
- Ref.: CR 240 10 - cable length 10m
- Ref.: CR 240 12 - cable length 12m
- Ref.: CR 240 15 - cable length 15m

Built in brake with energy dissipating mechanism inside durable plastic housing.

Static strength: not less 12kN

Braking force: less than 6kN

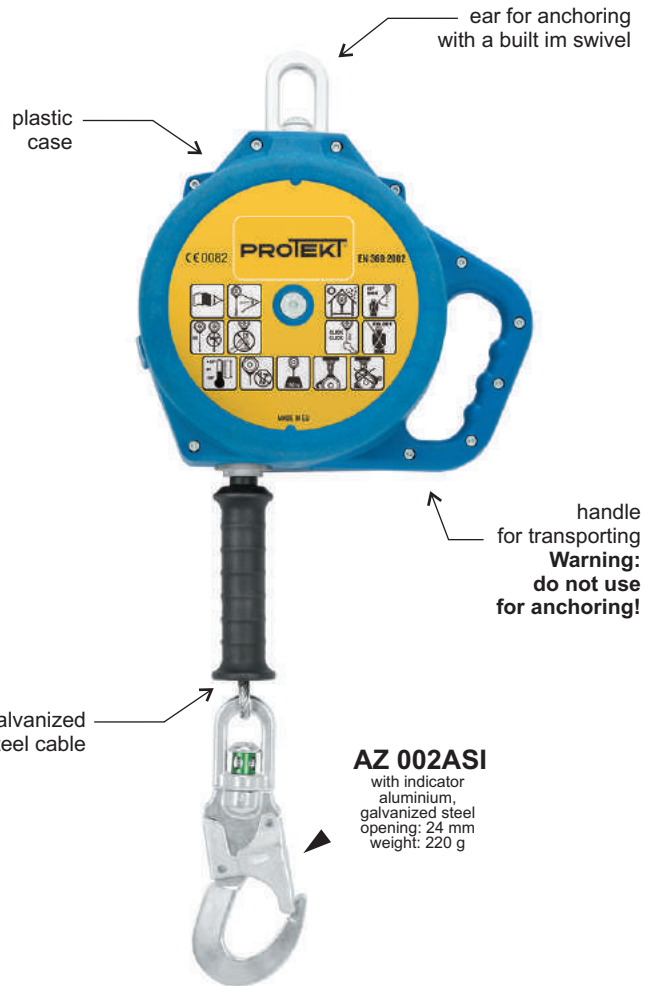
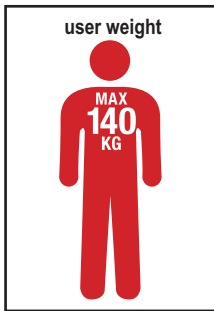
Weight:

CR 240 06 - weight 4,10kg

CR 240 10 - weight 4,30kg

CR 240 12 - weight 4,90kg

CR 240 15 - weight 5,10kg



**AZ 002ASI**  
with indicator  
aluminium,  
galvanized steel  
opening: 24 mm  
weight: 220 g

### SWIVEL SNAP HØØKS



**AZ 030**  
aluminium,  
galvanized steel  
opening: 23 mm  
weight: 200 g



**AZ 031T**  
aluminium,  
galvanized steel  
opening: 23 mm  
weight: 200 g  
twist lock



**AZ 050**  
galvanized steel  
opening: 23 mm  
weight: 360 g



**AZ 051T**  
galvanized steel  
opening: 23 mm  
weight: 360 g



**AZ 002AS**  
aluminium,  
galvanized steel  
opening: 24 mm  
weight: 215 g



**AZ 060**  
galvanized steel  
opening: 21 mm  
weight: 380 g

### SWIVEL SNAP HØØKS WITH FALL INDICATØR



**AZ 030I**  
with indicator  
aluminium,  
galvanized steel  
opening: 23 mm  
weight: 200 g



**AZ 031TI**  
with indicator  
aluminium,  
galvanized steel  
opening: 23 mm  
weight: 200 g



**AZ 060I**  
with indicator  
galvanized steel  
opening: 21 mm  
weight: 380 g

# Fall arresters

retractable type

## CRW 200 **NEW!**

retractable type fall arrester with rescue lifting device

EN 360, EN 1496 class B



Ref.: CRW 200 15 - cable length 15 m.

**Cable material:** galvanized steel

**Maximum cable length:** 15 m

**Case material:** aluminium alloy

**Max working load:** 140 kg

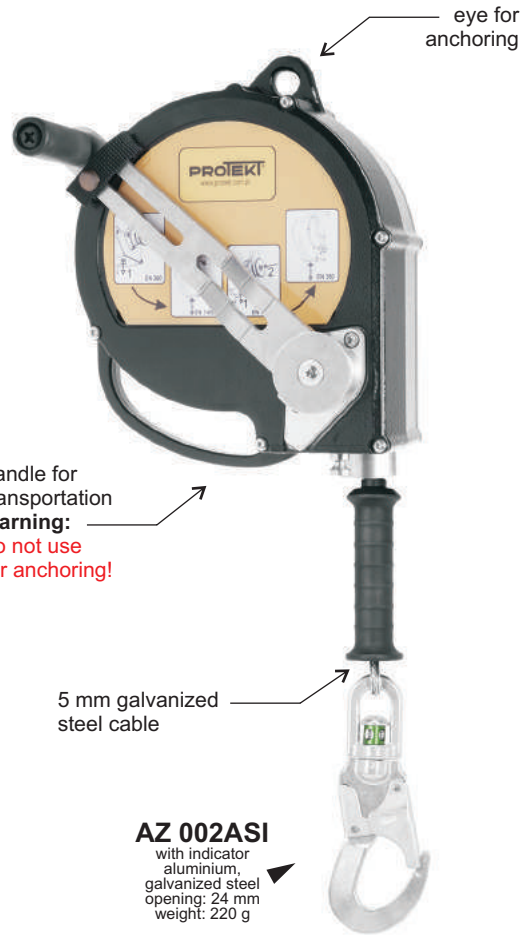
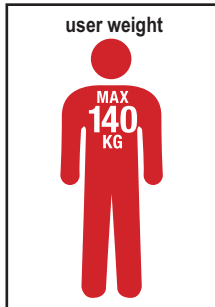
**Weight:** approx 11 kg

**Dimensions:** 300 x 230 x 175 mm

**Static strength:** not less than 14 kN

**Braking force:** less than 6 kN

**Fall arresting height:** less than 2 m



### SWIVEL SNAP HØØKS



**AZ 030**  
aluminium,  
galvanized steel  
opening: 23 mm  
weight: 200 g



**AZ 031T**  
aluminium,  
galvanized steel  
opening: 23 mm  
weight: 200 g  
twist lock



**AZ 050**  
galvanized steel  
opening: 23 mm  
weight: 360 g



**AZ 051T**  
galvanized steel  
opening: 23 mm  
weight: 360 g



**AZ 002AS**  
aluminium,  
galvanized steel  
opening: 24 mm  
weight: 215 g



**AZ 060**  
galvanized steel  
opening: 21 mm  
weight: 380 g

### SWIVEL SNAP HØØKS WITH FALL INDICATOR



**AZ 030I**  
with indicator  
aluminium,  
galvanized steel  
opening: 23 mm  
weight: 200 g



**AZ 031TI**  
with indicator  
aluminium,  
galvanized steel  
opening: 23 mm  
weight: 200 g



**AZ 060I**  
with indicator  
galvanized steel  
opening: 21 mm  
weight: 380 g

# Fall arresters

retractable type

## CRW 300

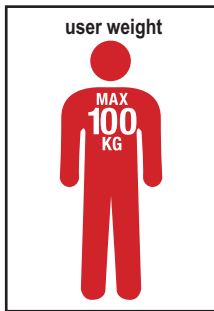
retractable type fall arrester with rescue lifting device

EN 360, EN 1496 class B



Ref.: CRW 300 25 - cable length 25m

**Cable material:** galvanized steel  
**Maximum cable length:** 25m  
**Case material:** aluminium alloy  
**Max working load:** 100 kg  
**Weight:** approx 15 kg  
**Dimensions:** 385 x 267 x 132 mm



**AZ 002ASI**  
 with indicator  
 aluminium,  
 galvanized steel  
 opening: 24 mm  
 weight: 220 g

### SWIVEL SNAP HØØKS



**AZ 030**  
 aluminium,  
 galvanized steel  
 opening: 23 mm  
 weight: 200 g



**AZ 031T**  
 aluminium,  
 galvanized steel  
 opening: 23 mm  
 weight: 200 g  
 twist lock



**AZ 050**  
 galvanized steel  
 opening: 23 mm  
 weight: 360 g



**AZ 051T**  
 galvanized steel  
 opening: 23 mm  
 weight: 360 g



**AZ 002AS**  
 aluminium,  
 galvanized steel  
 opening: 24 mm  
 weight: 215 g



**AZ 060**  
 galvanized steel  
 opening: 21 mm  
 weight: 380 g

### SWIVEL SNAP HØØKS WITH FALL INDICATØR



**AZ 030I**  
 with indicator  
 aluminium,  
 galvanized steel  
 opening: 23 mm  
 weight: 200 g



**AZ 031TI**  
 with indicator  
 aluminium,  
 galvanized steel  
 opening: 23 mm  
 weight: 200 g



**AZ 060I**  
 with indicator  
 galvanized steel  
 opening: 21 mm  
 weight: 380 g

# Fall arresters

retractable type

## CR 200

steel cable retractor

EN 360

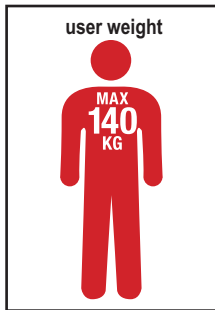


- Ref.: CR 200 06 - cable length 6m
- Ref.: CR 200 10 - cable length 10m
- Ref.: CR 200 12 - cable length 12m
- Ref.: CR 200 15 - cable length 15m

Dimensions: 208 x 85 x 280 mm

Weight:

- CR 200 06 - weight 5,10kg
- CR 200 10 - weight 5,30kg
- CR 200 12 - weight 5,90kg
- CR 200 15 - weight 6,10kg



### SWIVEL SNAP HØØKS

grey & black



**AZ 030**  
aluminium,  
galvanized steel  
opening: 23 mm  
weight: 200 g



**AZ 031T**  
aluminium,  
galvanized steel  
opening: 23 mm  
weight: 200 g  
twist lock



**AZ 050**  
galvanized steel  
opening: 23 mm  
weight: 360 g



**AZ 051T**  
galvanized steel  
opening: 23 mm  
weight: 360 g



**AZ 002AS**  
aluminium,  
galvanized steel  
opening: 24 mm  
weight: 215 g



**AZ 060**  
galvanized steel  
opening: 21 mm  
weight: 380 g

### SWIVEL SNAP HØØKS WITH FALL INDICATØR

**AZ 030I**  
with indicator  
aluminium,  
galvanized steel  
opening: 23 mm  
weight: 200 g



**AZ 031TI**  
with indicator  
aluminium,  
galvanized steel  
opening: 23 mm  
weight: 200 g

**AZ 060I**  
with indicator  
galvanized steel  
opening: 21 mm  
weight: 380 g



# Fall arresters

retractable type

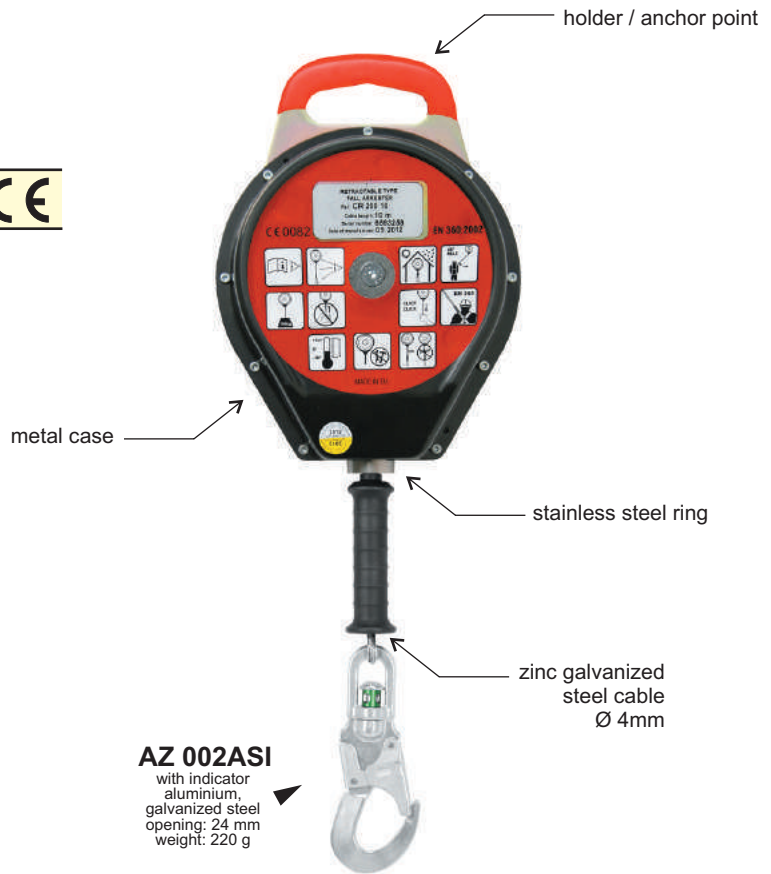
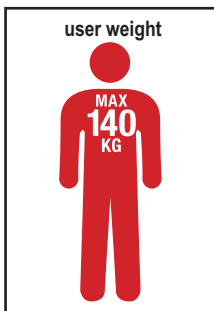
## CR 210

steel cable retractor  
metal case

EN 360



- Ref.: CR 210 06 - cable length 6m  
 Ref.: CR 210 10 - cable length 10m  
 Ref.: CR 210 12 - cable length 12m  
 Ref.: CR 210 15 - cable length 15m  
 Dimensions: 208 x 85 x 280 mm  
 Weight:  
 CR 210 06 - weight 5,30kg  
 CR 210 10 - weight 5,50kg  
 CR 210 12 - weight 6,20kg  
 CR 210 15 - weight 6,50kg



### SWIVEL SNAP HØØKS



**AZ 030**  
aluminium,  
galvanized steel  
opening: 23 mm  
weight: 200 g



**AZ 031T**  
aluminium,  
galvanized steel  
opening: 23 mm  
weight: 200 g  
twist lock



**AZ 050**  
galvanized steel  
opening: 23 mm  
weight: 360 g



**AZ 051T**  
galvanized steel  
opening: 23 mm  
weight: 360 g



**AZ 002AS**  
aluminium,  
galvanized steel  
opening: 24 mm  
weight: 215 g



**AZ 060**  
galvanized steel  
opening: 21 mm  
weight: 380 g

### SWIVEL SNAP HØØKS WITH FALL INDICATØR



**AZ 030I**  
with indicator  
aluminium,  
galvanized steel  
opening: 23 mm  
weight: 200 g



**AZ 031TI**  
with indicator  
aluminium,  
galvanized steel  
opening: 23 mm  
weight: 200 g



**AZ 060I**  
with indicator  
galvanized steel  
opening: 21 mm  
weight: 380 g

# Fall arresters

retractable type

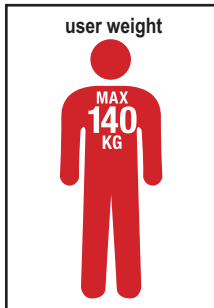
## CR 220

steel cable retractor  
**AISI steel components**

EN 360



- Ref.: CR 220 06 - cable length 6m
  - Ref.: CR 220 08 - cable length 8m
  - Ref.: CR 220 10 - cable length 10m
  - Ref.: CR 220 11 - cable length 11m
- Dimensions: 208 x 85 x 280 mm  
 Weight:  
 CR 220 06 - weight 5,10kg  
 CR 220 08 - weight 5,30kg  
 CR 220 10 - weight 5,50kg  
 CR 220 11 - weight 5,90kg



### SWIVEL SNAP HOOKS



**AZ 030**  
 aluminium,  
 galvanized steel  
 opening: 23 mm  
 weight: 200 g



**AZ 031T**  
 aluminium,  
 galvanized steel  
 opening: 23 mm  
 weight: 200 g  
 twist lock



**AZ 050**  
 galvanized steel  
 opening: 23 mm  
 weight: 360 g



**AZ 051T**  
 galvanized steel  
 opening: 23 mm  
 weight: 360 g



**AZ 002AS**  
 aluminium,  
 galvanized steel  
 opening: 24 mm  
 weight: 215 g



**AZ 060**  
 galvanized steel  
 opening: 21 mm  
 weight: 380 g

### SWIVEL SNAP HOOKS WITH FALL INDICATOR



**AZ 030I**  
 with indicator  
 aluminium,  
 galvanized steel  
 opening: 23 mm  
 weight: 200 g



**AZ 031TI**  
 with indicator  
 aluminium,  
 galvanized steel  
 opening: 23 mm  
 weight: 200 g



**AZ 060I**  
 with indicator  
 galvanized steel  
 opening: 21 mm  
 weight: 380 g

# Fall arresters

retractable type

## WR 100 NEW

### WEBBING RETRACTOR 6 m

EN 360



Ref.: WR 100 06 - working length 6 m

Dimensions: 160 x 70 x 230 mm

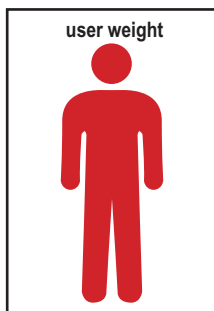
Locking after conditioning: (+50)°C; (-30)°C; wet.

Weight brutto: 1,70 kg (with snap hook)

Weight netto: 1,50 kg (without snap hook)

## ADVANTAGES:

- Double swivel!



**AZ 002ASI**  
weight: 220 g  
hot forged  
alu alloy 7075 T6



# Fall arresters

retractable type

## WR 100 NEW

### WEBBING RETRACTØR 6 m

EN 360



Ref.: WR 100 06 - working length 6 m

Dimensions: 160 x 70 x 230 mm

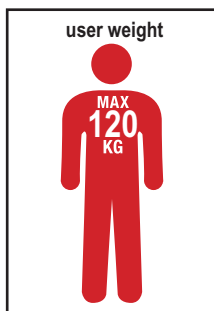
Locking after conditioning: (+50)°C; (-30)°C; wet.

Weight brutto: 1,70 kg (with snap hook)

Weight netto: 1,50 kg (without snap hook)

## ADVANTAGES:

- Double swivel!
- snap hook AZ 011





# Fall arresters

retractable type

holder / anchor point

## WR 200

### WEBBING RETRACTØR

EN 360



Ref.: WR 200 06 - webbing length 6m

Dimensions: 208 x 85 x 280 mm

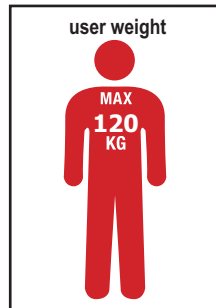
Weight: 4,70kg

Max. user weight: **120 kg**

plastic case



polyester-kevlar webbing width 20 mm length 6 m.



### SWIVEL SNAP HØØKS



**AZ 030**  
aluminium,  
galvanized steel  
opening: 23 mm  
weight: 200 g



**AZ 031T**  
aluminium,  
galvanized steel  
opening: 23 mm  
weight: 200 g  
twist lock



**AZ 050**  
galvanized steel  
opening: 23 mm  
weight: 360 g



**AZ 051T**  
galvanized steel  
opening: 23 mm  
weight: 360 g



**AZ 002AS**  
aluminium,  
galvanized steel  
opening: 24 mm  
weight: 215 g



**AZ 060**  
galvanized steel  
opening: 21 mm  
weight: 380 g

### SWIVEL SNAP HØØKS WITH FALL INDICATOR



**AZ 030I**  
with indicator  
aluminium,  
galvanized steel  
opening: 23 mm  
weight: 200 g



**AZ 031TI**  
with indicator  
aluminium,  
galvanized steel  
opening: 23 mm  
weight: 200 g



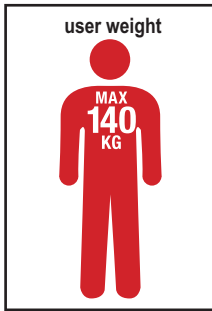
**AZ 002ASI**  
with indicator  
aluminium,  
galvanized steel  
opening: 24 mm  
weight: 220 g



**AZ 060I**  
with indicator  
galvanized steel  
opening: 21 mm  
weight: 380 g

# Fall arresters

retractable type



## CR 300 STEEL CABLE RETRACTOR

EN 360

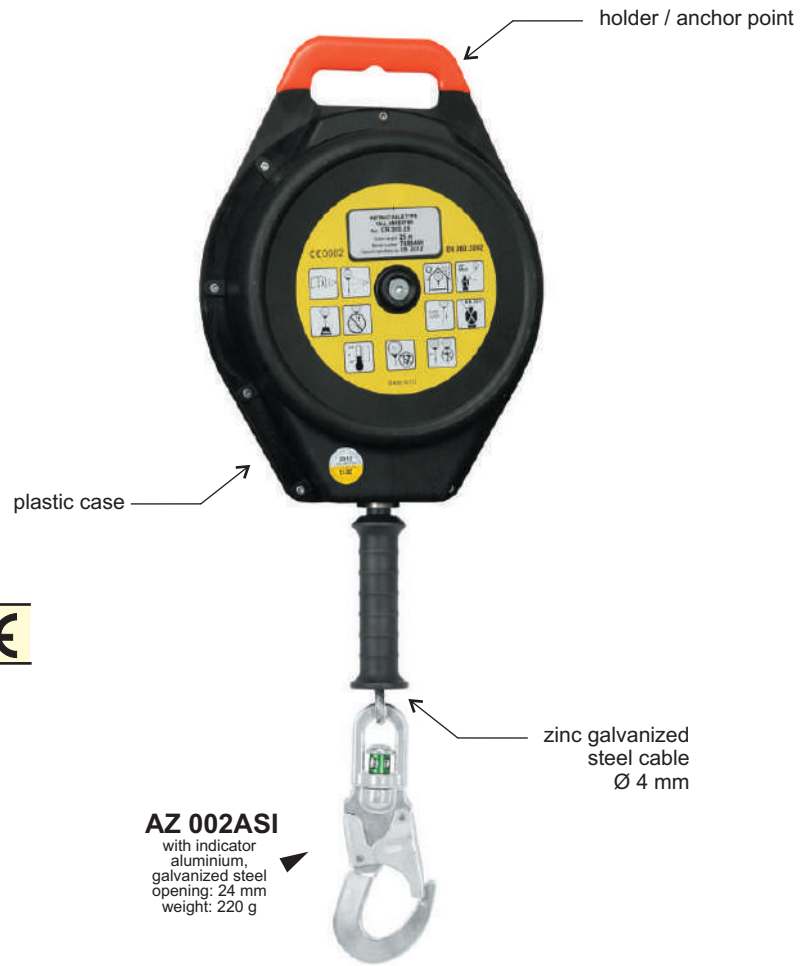


- Ref.: CR 300 18 - cable length 18m
- Ref.: CR 300 20 - cable length 20m
- Ref.: CR 300 25 - cable length 25m
- Ref.: CR 300 28 - cable length 28m

Dimensions: 260 x 120 x 340 mm

Weight:

- CR 300 18 - weight 11,15kg
- CR 300 20 - weight 11,25kg
- CR 300 25 - weight 11,50kg
- CR 300 28 - weight 11,65kg



### SWIVEL SNAP HØØKS



**AZ 030**  
aluminium,  
galvanized steel  
opening: 23 mm  
weight: 200 g



**AZ 031T**  
aluminium,  
galvanized steel  
opening: 23 mm  
twist lock



**AZ 050**  
galvanized steel  
opening: 23 mm  
weight: 360 g



**AZ 051T**  
galvanized steel  
opening: 23 mm  
weight: 360 g



**AZ 002AS**  
aluminium,  
galvanized steel  
opening: 24 mm  
weight: 215 g



**AZ 060**  
galvanized steel  
opening: 21 mm  
weight: 380 g

### SWIVEL SNAP HØØKS WITH FALL INDICATOR



**AZ 030I**  
with indicator  
aluminium,  
galvanized steel  
opening: 23 mm  
weight: 200 g



**AZ 031TI**  
with indicator  
aluminium,  
galvanized steel  
opening: 23 mm  
weight: 200 g



**AZ 060I**  
with indicator  
galvanized steel  
opening: 21 mm  
weight: 380 g

# Fall arresters

retractable type

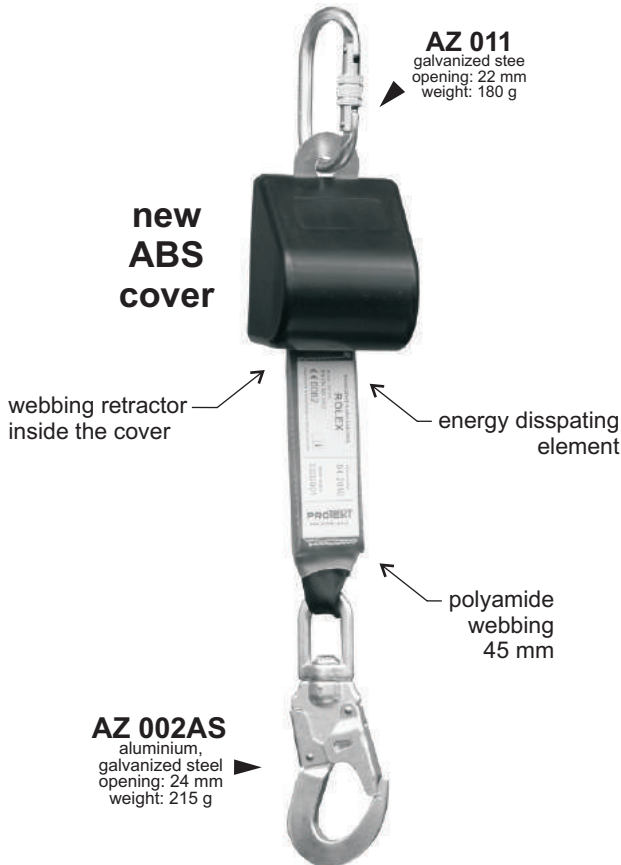
## ROLEX WEBBING RETRACTØR

EN 360



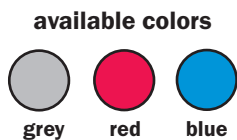
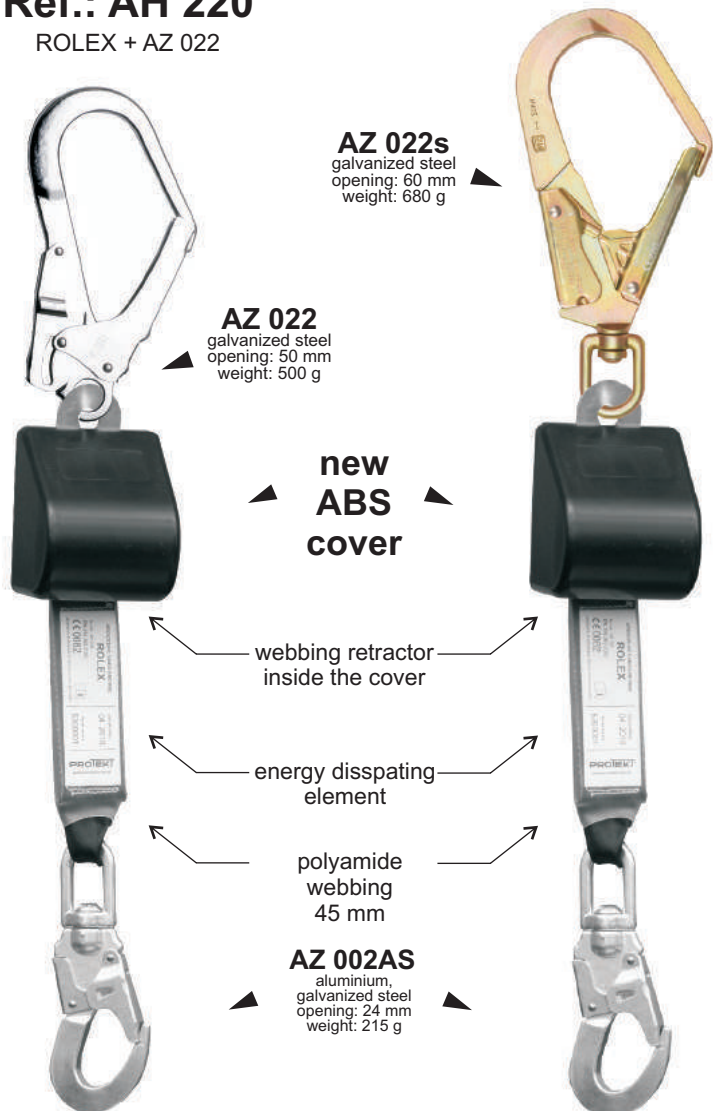
Ref.: AH 210

- **AH 210**  
Dimensions: (without snap hooks) 96 x 98 x 320mm  
Maximum working length of device: **2260mm**  
Weight: 1180g
- **AH 220**  
Dimensions: (without snap hooks) 96 x 98 x 320mm  
Maximum working length of device: **2370mm**  
Weight: 1500g
- **AH 220s**  
Dimensions: (without snap hooks) 96 x 98 x 320mm  
Maximum working length of device: **2415mm**  
Weight: 1680g



Ref.: AH 220s  
ROLEX + AZ 022s

Ref.: AH 220  
ROLEX + AZ 022




# Fall arresters

retractable type

## WR 025

### RETRACTABLE TYPE FALL ARRESTER

EN 360 + HØRIZØNTAL USE ACC. TØ 11.054 

Ref.: WR 025

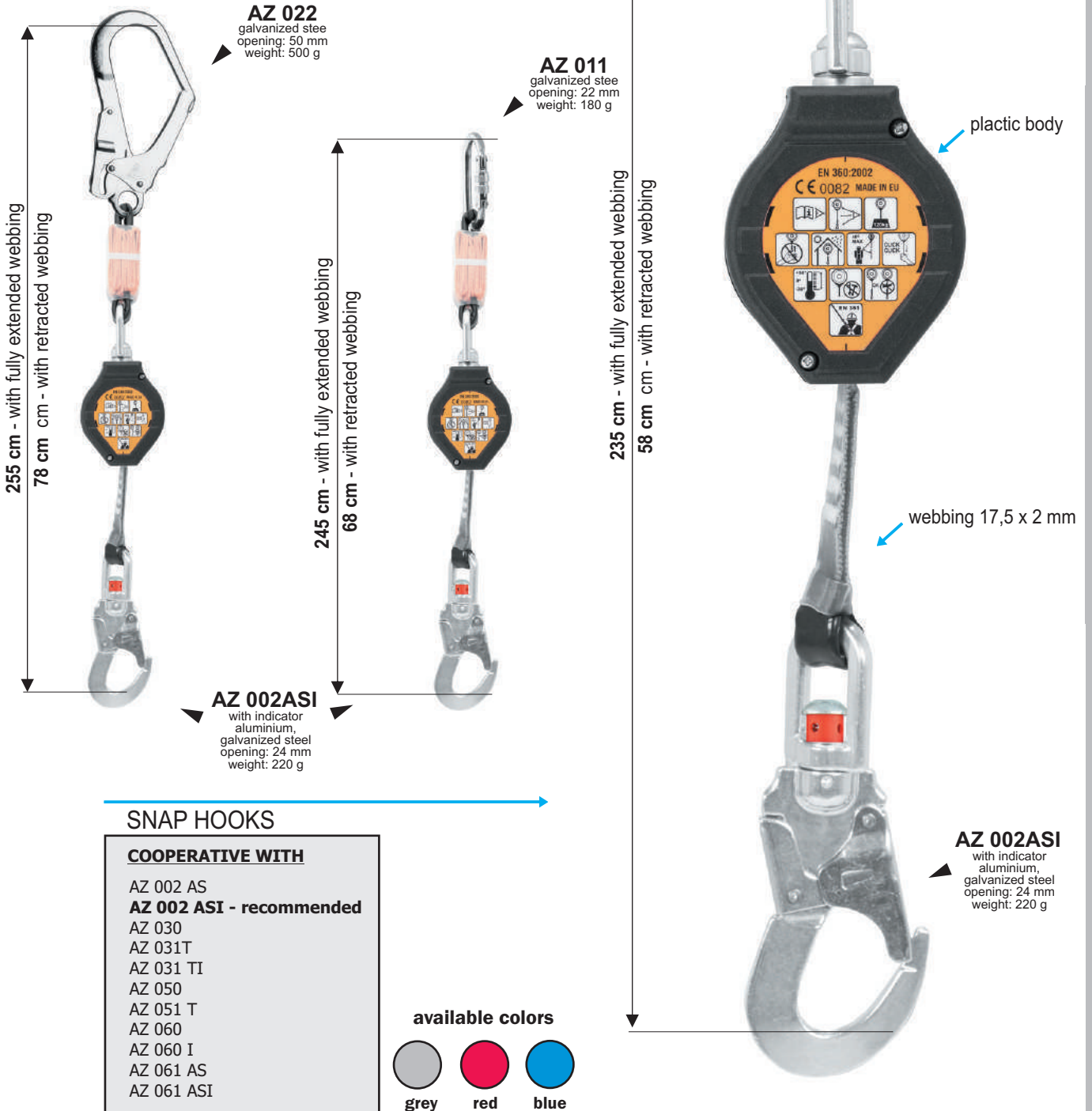
Length: 2,35m

Weight: 850g + weight of snap hook

Static strength: not less 15 kN

Braking force: less than 6 kN

Fall arresters height: less than 2m



# Fall arresters

retractable type

## WR 020

### RETRACTABLE TYPE FALL ARRESTER

EN 360



#### Ref.: WR 020

Length: 1,8 m; 2,0 m; 2,3 m;

Weight:

850 g + weight of snap hook

Static strength: not less 15 kN

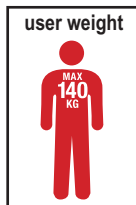
Braking force: less than 6 kN

Fall arresters height: less than 2m

Ref.: WR 020 18 - length 1,8 m

Ref.: WR 020 20 - length 2,0 m

Ref.: WR 020 23 - length 2,3 m



user weight

#### SNAP HOOKS

##### COOPERATIVE WITH

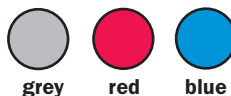
**AZ 002 ASI - recommended**

AZ 030

AZ 031T

AZ 031 TI

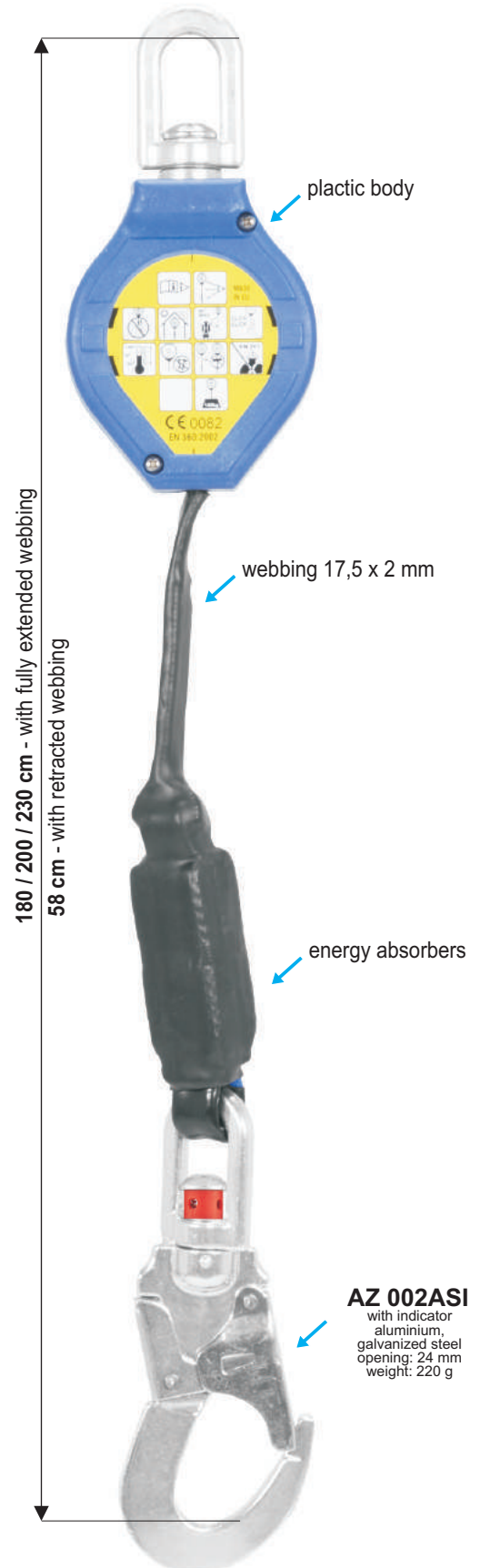
##### available colors



grey

red

blue



**AZ 002ASI**  
with indicator  
aluminium,  
galvanized steel  
opening: 24 mm  
weight: 220 g

# Fall arresters

retractable type

## CR 030

### STEEL CABLE RETRACTOR

EN 360



Ref.: CR 030

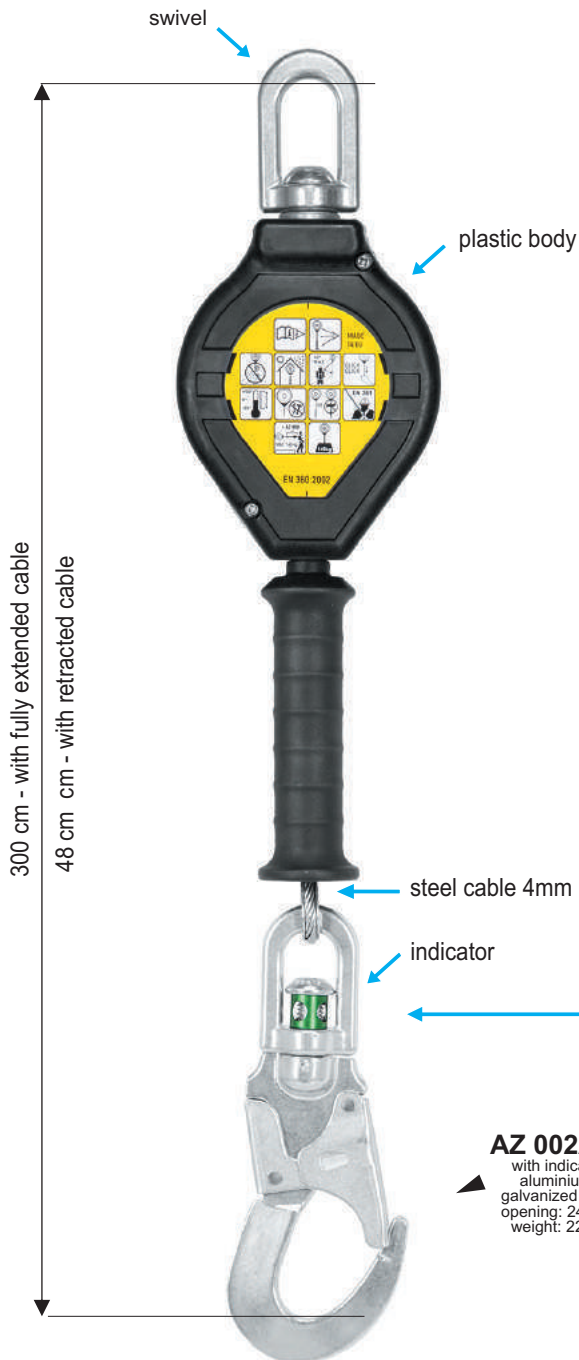
Max. working length: 3m

Weight: 1750g

Diameter cable: 4mm

Static strength: not less 12 kN

Braking force: less than 6 kN



SNAP HOOK WITH SWIVEL FUNCTION AND BUILT IN FALL INDICATOR

**AZ 002ASI**  
with indicator  
aluminium,  
galvanized steel  
opening: 24 mm  
weight: 220 g

**COOPERATIVE WITH**

- AZ 002 A
- AZ 002 ASI
- AZ 030
- AZ 031T
- AZ 031 TI

# Fall arresters

retractable type

## WR 040 **NEW** RETRACTABLE TYPE FALL ARRESTER

EN 360, EN 355



Ref.: WR 040 18

Ref.: WR 040 18 - (double version)

Length: 1,8 m

Weight: 850 g + weight snap hook  
1850 g + AZ 019 (double version)

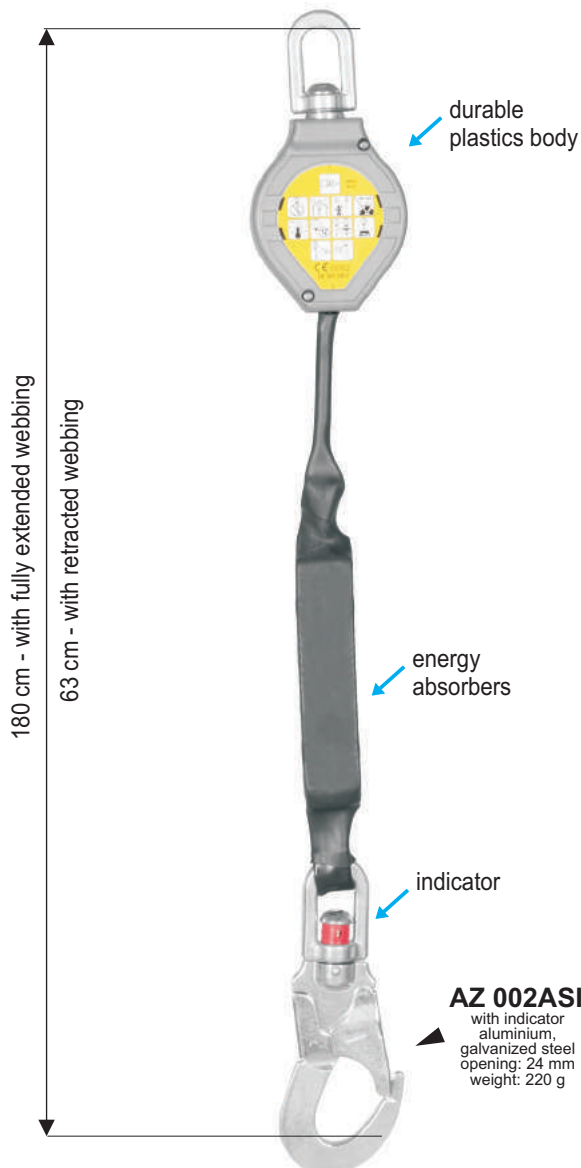
Max. user weight: 140 kg

Static strength: 15 kN

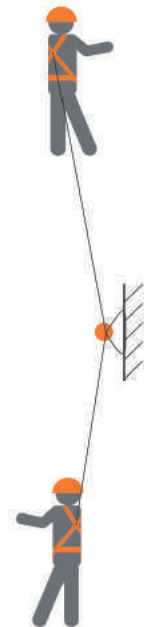
Braking force: less than 6 kN



### WR 040 double version



FALL FACTOR 2



### available colors



# Mobile man anchor

## IM 200

EN 795 E

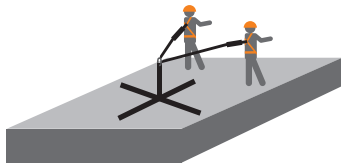


Ref.: IM 200

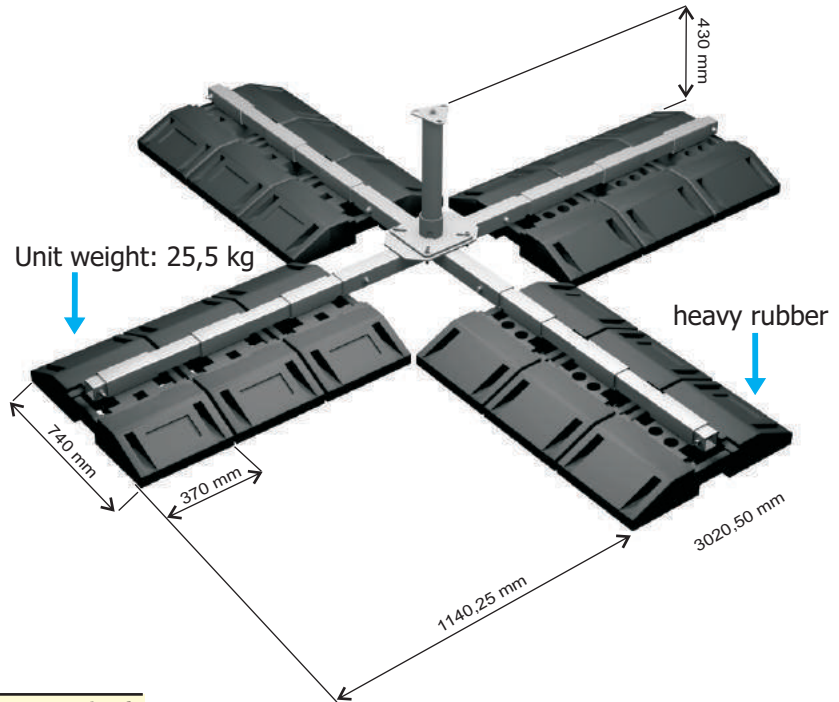
Material: fire zinc galvanized steel  
12 units per set  
Destiny: for 2 person



**TOTAL WEIGHT: 374 kg**



Destiny: for 2 person



## IM 100

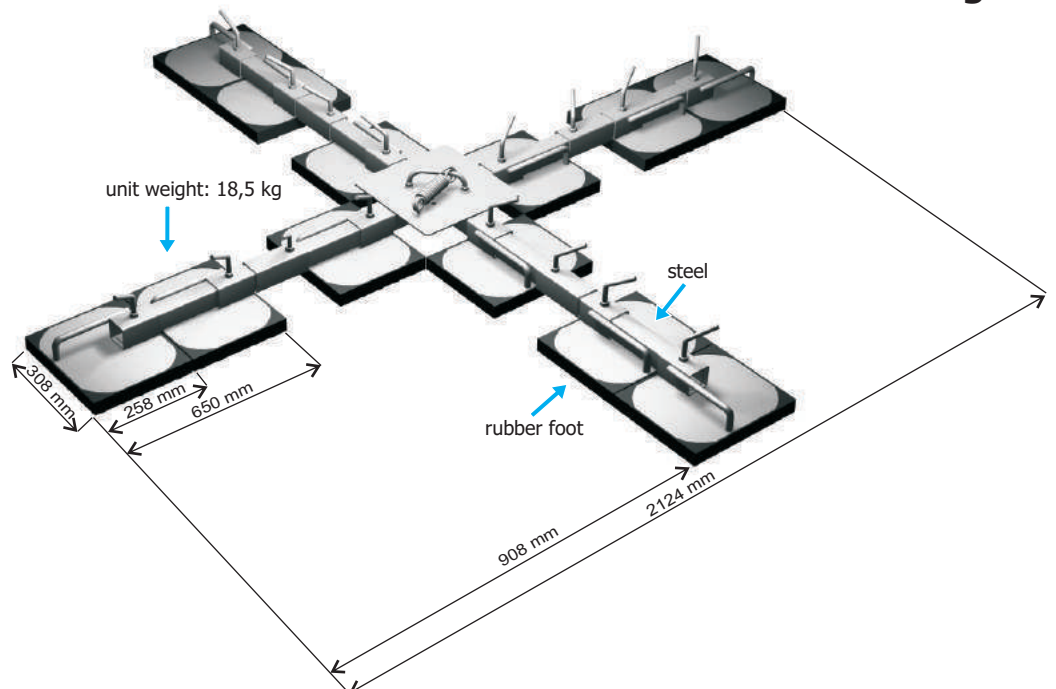
EN 795 E



Ref.: IM 100

Material: fire zinc galvanized steel  
12 units per set  
Destiny: for 1 person

**TOTAL WEIGHT: 260 kg**





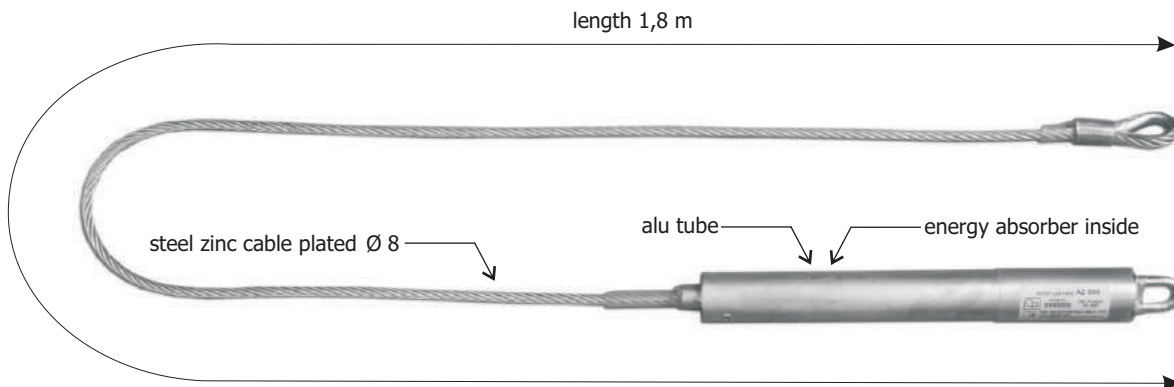
# Fall arresters

retractable type

## AZ 800

### RØØF LANYARD FØR HØRIZØNTAL USE CR 200 and CR 300

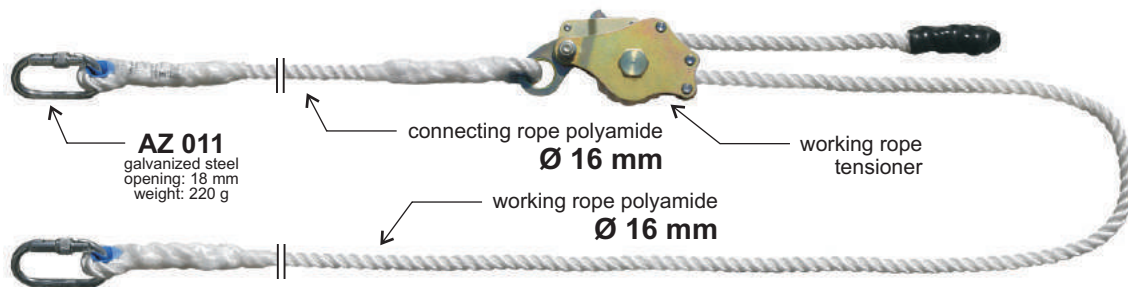
EN 360 According to new regulation - PPE Directive's  
89/686/EEC Proposal for Enquiry CNB/11.60.



**APAVE permission only with  
CR 200 and CR 300 certificates.**

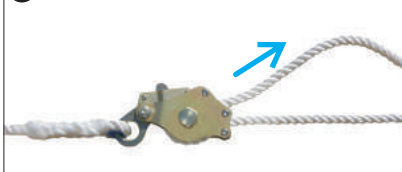


# Horizontal lifelines



## ADJUSTING THE LENGTH AND THE TENSION THE HORIZONTAL LIFE LINE

① Tension the working rope by hand



② Tension the working rope by a wrench 30 mm



## DISASSEMBLY OF THE HORIZONTAL LIFELINE



## AE 300 ADJUSTABLE HORIZONTAL LIFELINE

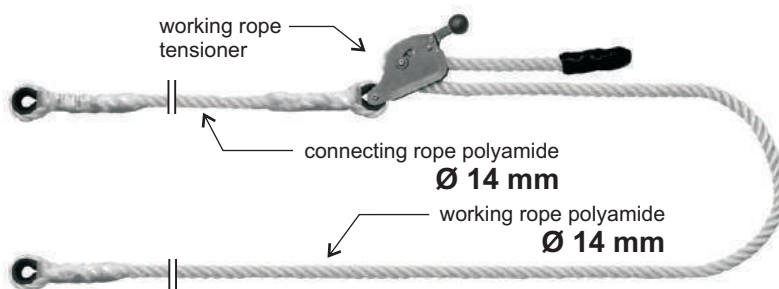
EN 795



Ref.: AE 300 10 - device length 10 m  
Ref.: AE 300 20 - device length 20 m  
Other lengths on request.

The HORIZONTAL LIFELINE AE 300 is delivered in set:

- lanyard
- wrench
- bag



## LP 120 ADJUSTABLE HORIZONTAL LIFELINE

EN 795



Ref.:  
LP 120 05 - device length 5m  
LP 120 10 - device length 10m  
LP 120 15 - device length 15m  
LP 120 20 - device length 20m  
Other lengths on request.

## ADJUSTING THE LENGTH AND THE TENSION THE HORIZONTAL LIFE LINE

Tension the working rope by hand



## DISASSEMBLY OF THE HORIZONTAL LIFELINE

Rotate the tensioner and disassembly the rope



# Horizontal lifelines

**AZ 002**  
galvanized steel  
opening: 18 mm  
weight: 220 g



**AZ 003**  
aluminium  
opening: 20 mm  
weight: 160 g



**AZ 004**  
aluminium  
opening: 22 mm  
weight: 180 g  
twist lock



**AZ 040**  
aluminium  
opening: 23 mm  
weight: 80 g



**AZ 041T**  
aluminium  
opening: 23 mm  
weight: 100 g  
twist lock



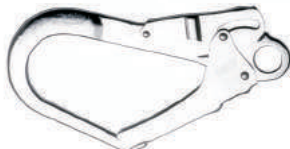
**AZ 020**  
galvanized steel  
opening: 23 mm  
weight: 230 g



**AZ 021T**  
galvanized steel  
opening: 23 mm  
weight: 250 g  
twist lock



**AZ 022**  
galvanized steel  
opening: 50 mm  
weight: 500 g



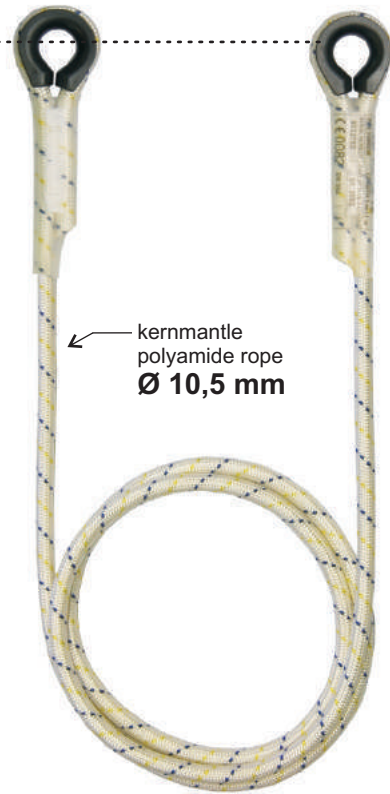
**AZ 023**  
aluminium  
opening: 60 mm  
weight: 480 g



**AZ 024**  
aluminium  
opening: 100 mm  
weight: 920 g



**AZ 025**  
galvanized steel  
opening: 80 mm  
weight: 800 g



kernmantle  
polyamide rope  
Ø 10,5 mm

## LP 100 TT horizontal lifeline

EN 795



Ref.: LP 100 xx TT (xx - length)

Standards:

LP 100 02 TT - length 2,5m

LP 100 05 TT - length 5m

LP 100 10 TT - length 10m

LP 100 15 TT - length 15m

LP 100 20 TT - length 20m

LP 100 25 TT - length 25m

LP 100 30 TT - length 30m

# Horizontal lifelines

**AZ 002**  
galvanized steel  
opening: 18 mm  
weight: 220 g



**AZ 003**  
aluminium  
opening: 20 mm  
weight: 160 g



**AZ 004**  
aluminium  
opening: 22 mm  
weight: 180 g  
twist lock



**AZ 040**  
aluminium  
opening: 23 mm  
weight: 80 g



**AZ 041T**  
aluminium  
opening: 23 mm  
weight: 100 g  
twist lock



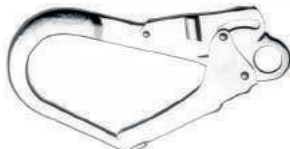
**AZ 020**  
galvanized steel  
opening: 23 mm  
weight: 230 g



**AZ 021T**  
galvanized steel  
opening: 23 mm  
weight: 250 g  
twist lock



**AZ 022**  
galvanized steel  
opening: 50 mm  
weight: 500 g



**AZ 023**  
aluminium  
opening: 60 mm  
weight: 480 g



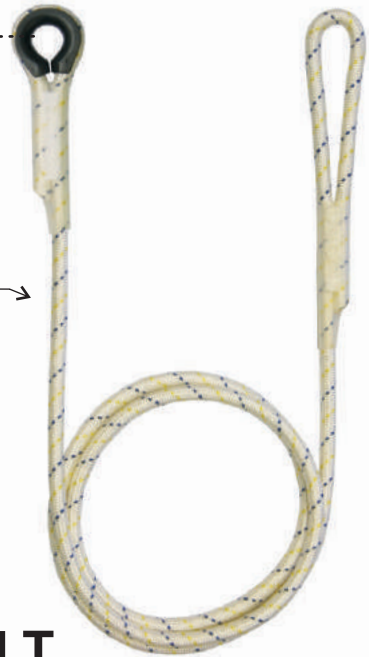
**AZ 024**  
aluminium  
opening: 100 mm  
weight: 920 g



**AZ 025**  
galvanized steel  
opening: 80 mm  
weight: 800 g



kernmantle  
polyamide rope  
ø10,5mm



## LP 100 LT horizontal lifeline

EN 795

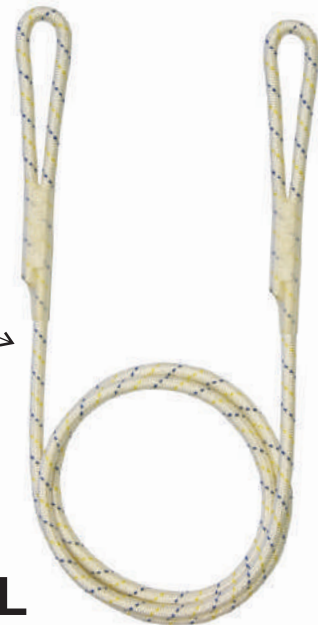


Ref.: LP 100 xx LT (xx - length)

Standards:

- LP 100 02 LT - length 2,5m
- LP 100 05 LT - length 5m
- LP 100 10 LT - length 10m
- LP 100 15 LT - length 15m
- LP 100 20 LT - length 20m
- LP 100 25 LT - length 25m
- LP 100 30 LT - length 30m

kernmantle  
polyamide rope  
ø10,5mm



## LP 100 LL horizontal lifeline

EN 795



Ref.: LP 100 xx LL (xx - length)

Standards:

- LP 100 02 LL - length 2,5m
- LP 100 05 LL - length 5m
- LP 100 10 LL - length 10m
- LP 100 15 LL - length 15m
- LP 100 20 LL - length 20m
- LP 100 25 LL - length 25m
- LP 100 30 LL - length 30m

# Horizontal anchor lines

## Aramid rope

**AZ 002**  
galvanized steel  
opening: 18 mm  
weight: 220 g



**AZ 002A**  
aluminium,  
galvanized steel  
opening: 24 mm  
weight: 180 g



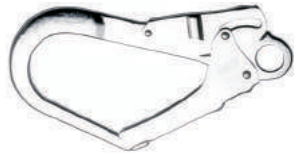
**AZ 003**  
aluminium  
opening: 20 mm  
weight: 160 g



**AZ 011**  
galvanized steel  
opening: 22 mm  
weight: 180 g



**AZ 022**  
galvanized steel  
opening: 50 mm  
weight: 500 g



**AZ 023**  
aluminium  
opening: 60 mm  
weight: 480 g



**AZ 024**  
aluminium  
opening: 100 mm  
weight: 920 g



**AZ 025**  
galvanized steel  
opening: 80 mm  
weight: 800 g



regulating buckle

ARAMID rope  
with polyamide core;  
**Ø 11 mm**

## LP 200 FLR adjustable horizontal anchor line

EN 795 type B



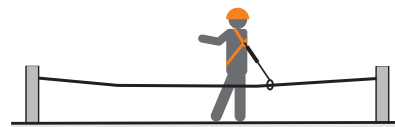
Ref.: LP 200 FLR (xx - length)

LP 200 05 - regulation length 2,5 - 5,0m

LP 200 10 - regulation length 5,0 - 10,0m

LP 200 20 - regulation length 10,0 - 20,0m

Material: Aramid rope with polyamide core;



### ATTENTION:

For hot works  
like welding,  
grinding, soldering  
metal cutting.

The rope is protected  
against sparks,  
molten metal drops, etc.

EN 358 p.4.1.5  
resistance to flame



# Horizontal adjustable webbing

## AE 320

safety horizontal webbing

EN 795 type B



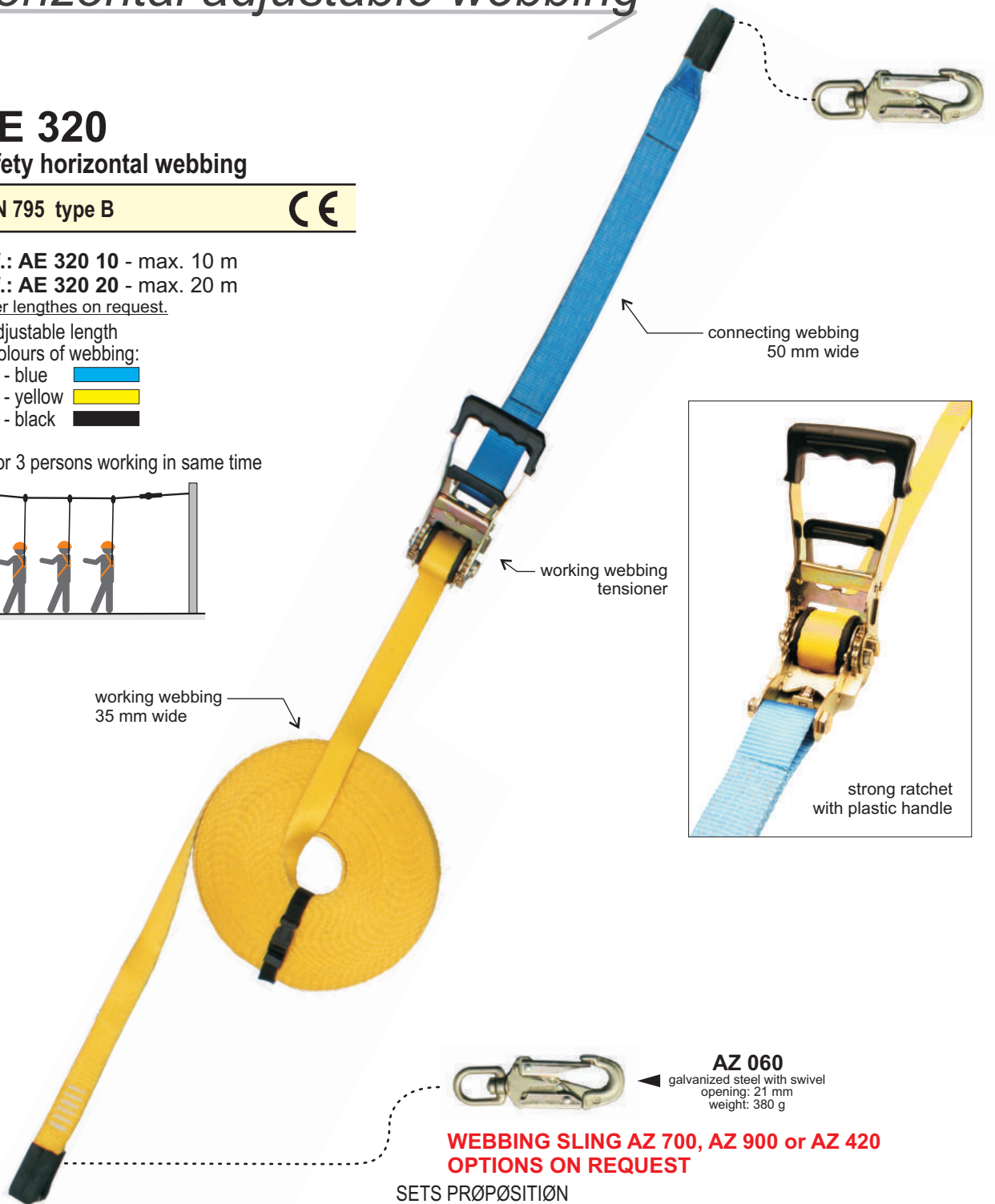
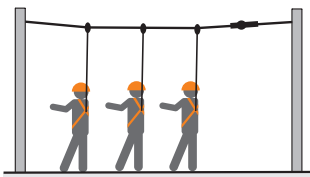
Ref.: AE 320 10 - max. 10 m

Ref.: AE 320 20 - max. 20 m

Other lengths on request.

1. Adjustable length
2. Colours of webbing:
  - blue
  - yellow
  - black

3. For 3 persons working in same time



working webbing  
35 mm wide

connecting webbing  
50 mm wide

working webbing  
tensioner

strong ratchet  
with plastic handle

### AZ 060

galvanized steel with swivel  
opening: 21 mm  
weight: 380 g

**WEBBING SLING AZ 700, AZ 900 or AZ 420  
OPTIONS ON REQUEST**

### SETS PROPOSITION

Sewed bag for AE 320 - sewed to connecting webbing

Separate bag for AE 320 made of PVC



ref.: AX 050  
Other colours of the bags on request



ref.: AX 011  
Other colours of the bags on request

# Lanyard edges protector

## **AX 902** CØVER THE EDGES

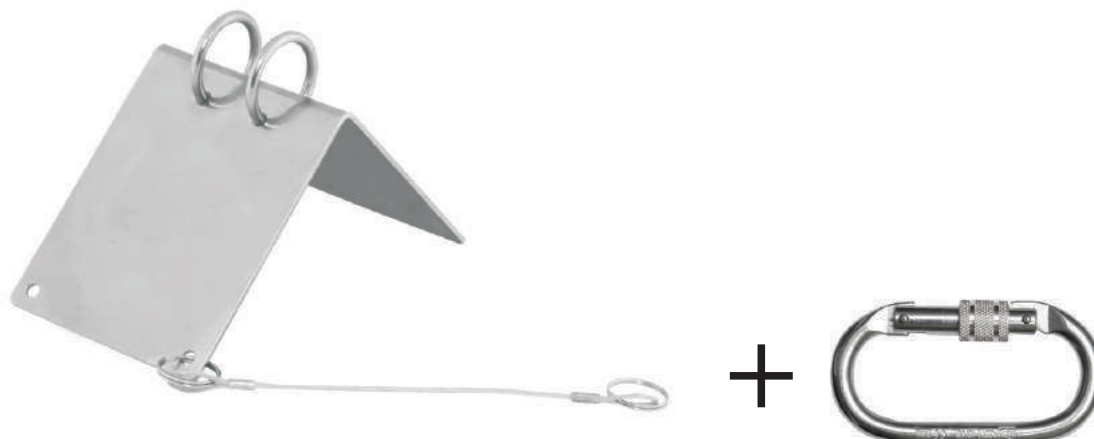


Ref.: AX 902

Dimensions: 120 x 175,5 mm

Weight: 0,85kg

Material: stainless steel



## **AX 903** CØVER THE EDGES

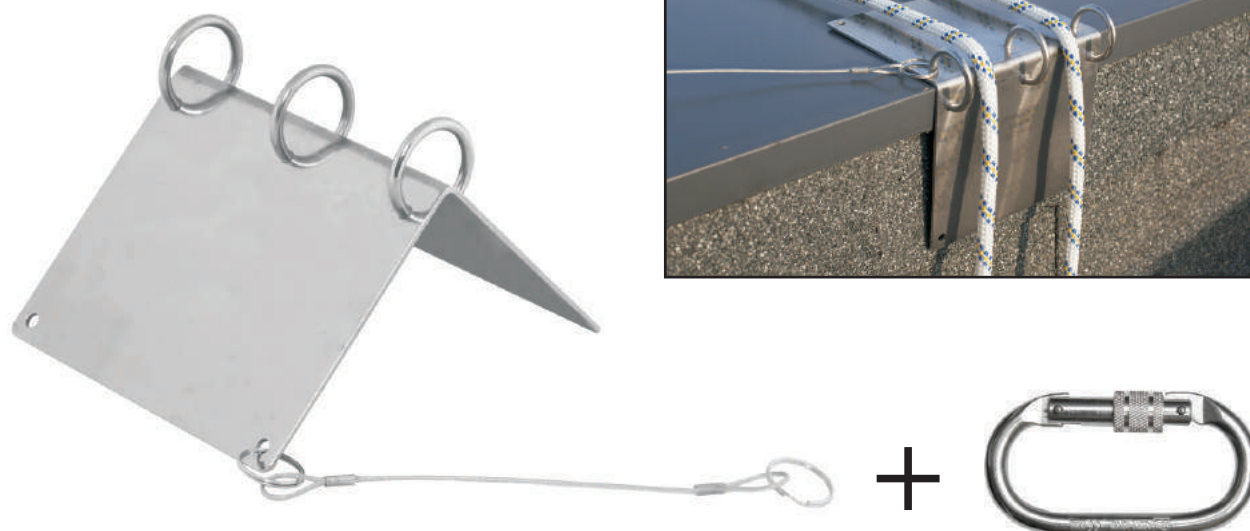


Ref.: AX 903

Dimensions: 180 x 175,5 mm

Weight: 1,30kg

Material: stainless steel



# Lanyard edges protector

## AX 904

CØVER THE EDGES

**NEW**



Ref.: AX 904

### Parameters:

AX 904 01 - 1 module

weight: 0,37 kg

Lmax = 70 mm

AX 904 03 - set of 3 modules

weight: 1,10 kg

Lmax = 240 mm

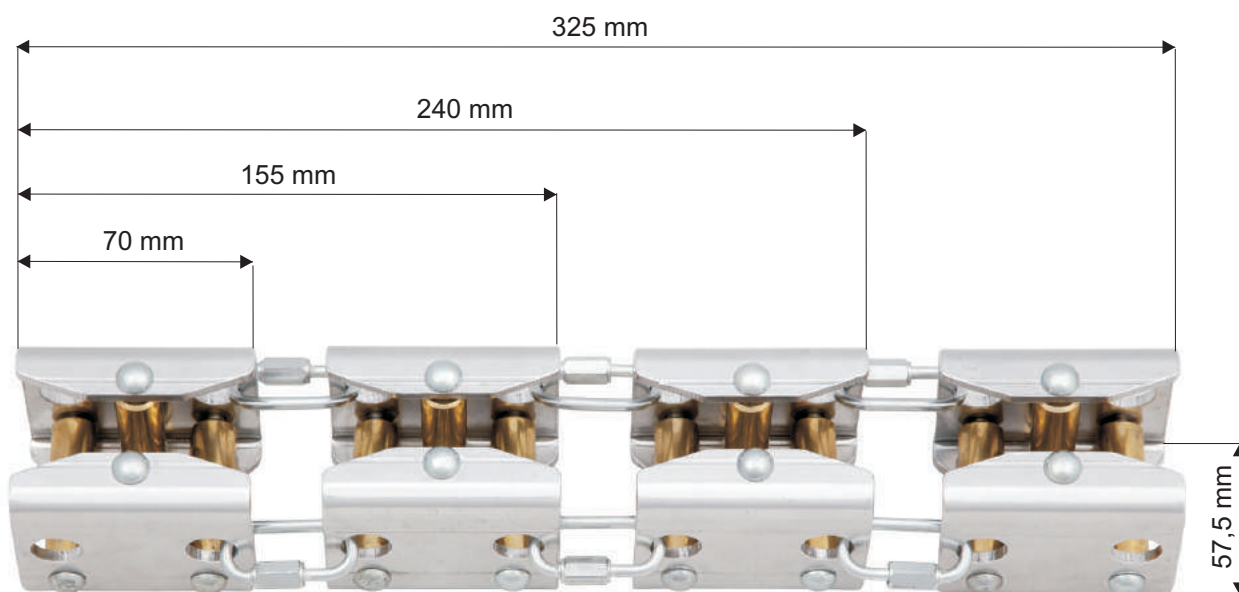
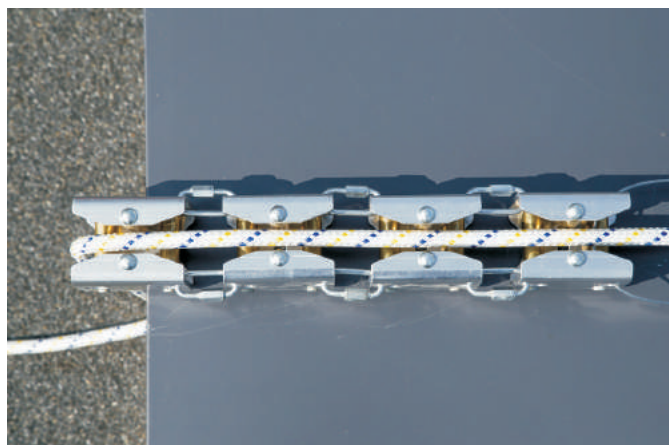
AX 904 04 - set of 4 modules

weight: 1,48 kg

Lmax = 325 mm

Material: aluminum, stainless steel, brass

Application: Steel or concrete structural beams with sharp edges. Lanyard up to  $\varnothing$ 14 mm.





# Lanyard edges protector

## AX 905

CØVER THE EDGES

**NEW**



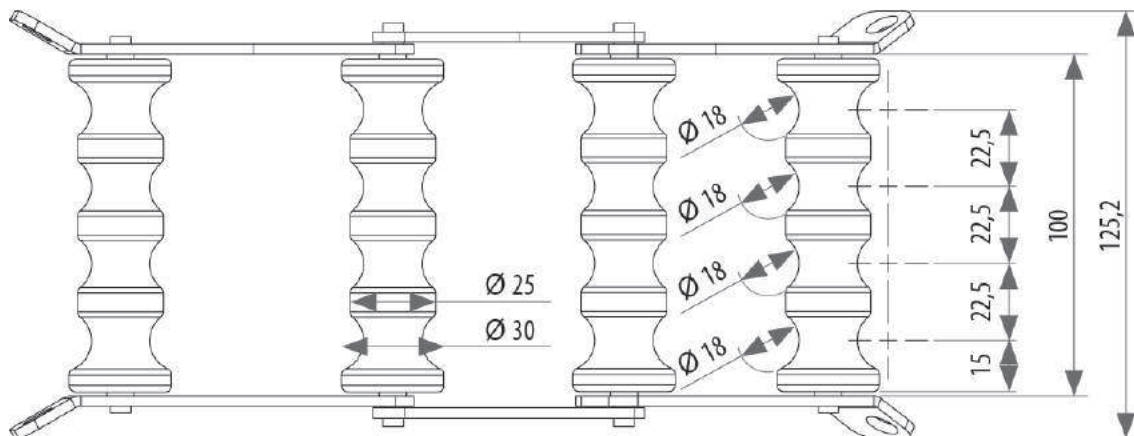
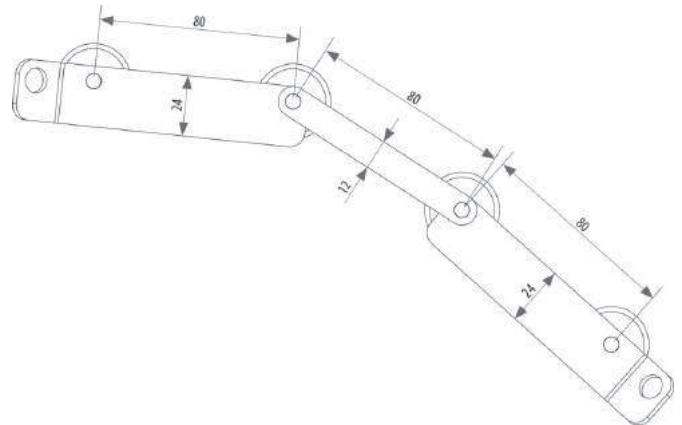
Ref.: AX 905

### Parameters:

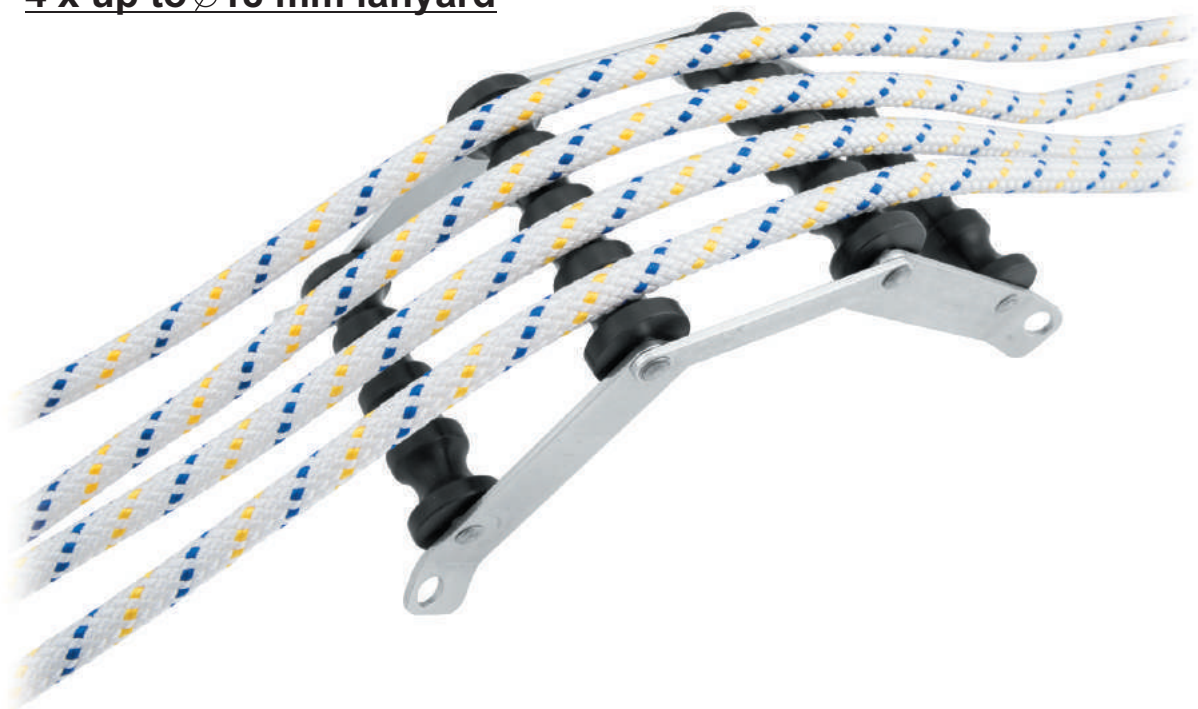
weight: 0,62 kg  
Lmax = 300 mm

Material: polyamide, steel

Application: Steel or concrete structural beams  
with sharp edges. Lanyard up to  $\varnothing 18$  mm.



**4 x up to  $\varnothing 18$  mm lanyard**



# Lanyard edges protector

## AX 907

CØVER THE EDGES

**NEW**



Ref.: AX 907

### Parameters:

AX 907 01 - 1 module

weight: 0,30 kg

Lmax = 90 mm

AX 907 03 - set of 3 modules

weight: 0,90 kg

Lmax = 300 mm

AX 907 04 - set of 4 modules

weight: 1,20 kg

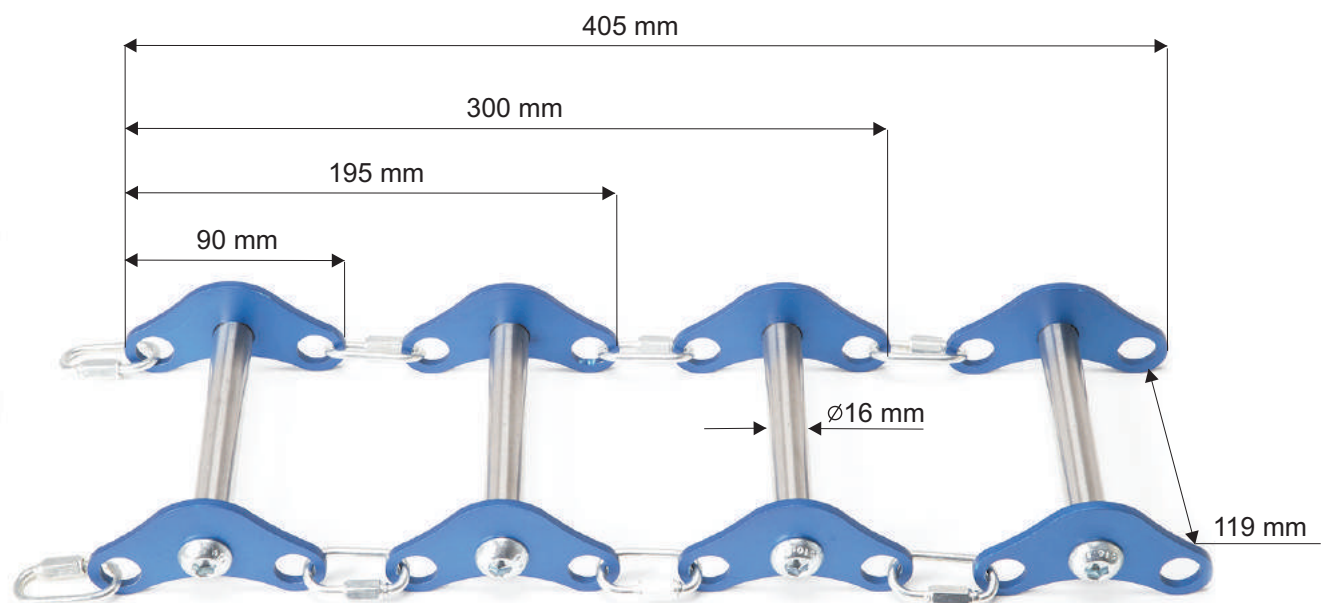
Lmax = 405 mm

Material: aluminum, stainless steel

Application: Steel or concrete structural beams with sharp edges



Lanyard edges protector



# Permanent anchor point

## AT 182-1 **NEW** PERMANENT ANCHØR PØINT

EN 795 type A



Ref.: AT 182-1

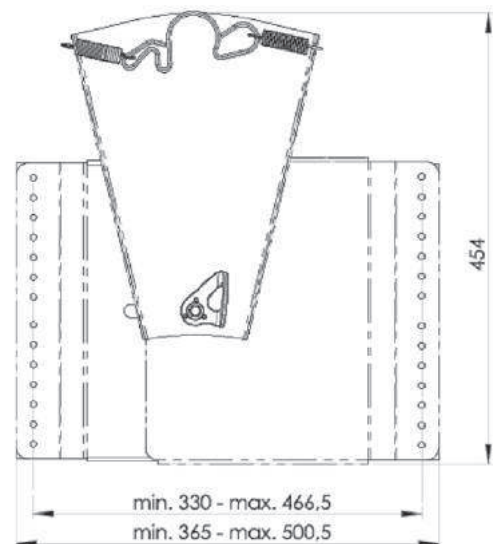
Weight: 4,5kg

Material: stainless steel - AISI 304

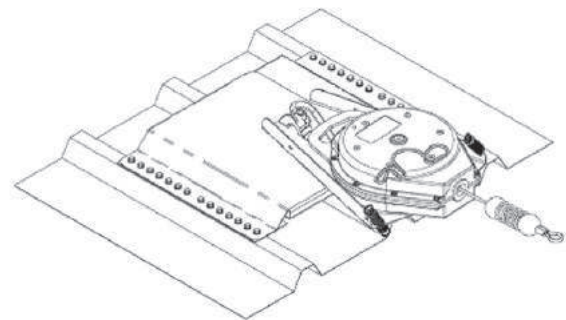
Static strength: 12 kN

Fixing hole: 12,5 mm

**Protection for one person.**



AT 182-01 + CR 200 + AZ 011



## AT 182-2 **NEW** PERMANENT ANCHØR PØINT

EN 795 type A



Ref.: AT 182-2

Weight: 3,2kg

Material: stainless steel - AISI 304

Static strength: 15 kN

Fixing hole: 12,5 mm

**Protection for one person.**



# Permanent anchor point

## AT 150 PERMANENT ANCHØR PØINT

EN 795 type A

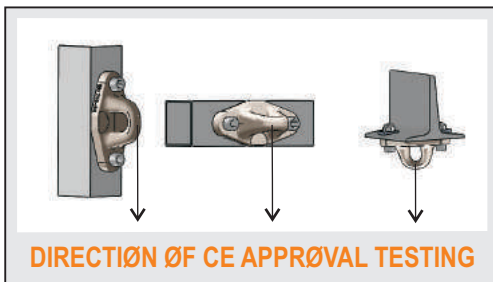


Ref.: AT 150

Dimensions: 135 x 60 x 60mm

Weight: 0,30kg

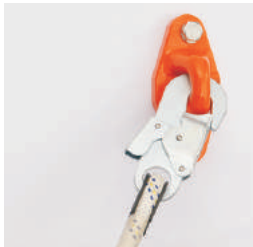
Material: Light alloy



DIRECTIONS OF CE APPROVAL TESTING



AT 150 working with AZ 011



AT 150 working with AZ 002



AT 150 working with AZ 003



AT 150 working with AZ 022



AT 150

orange, yellow, silver - colours available now



other colours on request

## PS 150 RUBBER PAD TØ AT 150

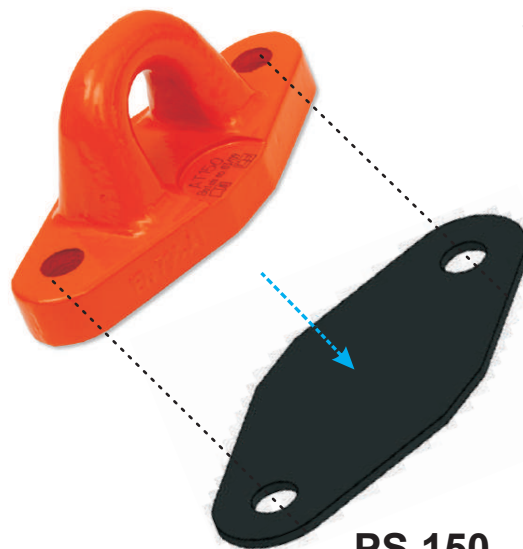


Ref.: PS 150

Dimensions: 62 x 135 x 2,8mm

Weight: 19g

Material: Rubber EPDM



PS 150

# Permanent anchor point

## AT 180

### PERMANENT ANCHØR PØINT

EN 795 type A



Ref.: AT 180

Dimensions: 56 x 56 x 50mm

Weight: 0,65kg

Material: stainless steel ANSI 316

#### Stud Anchor

HSA-R M12x120/25/4

Anchor length - 120mm

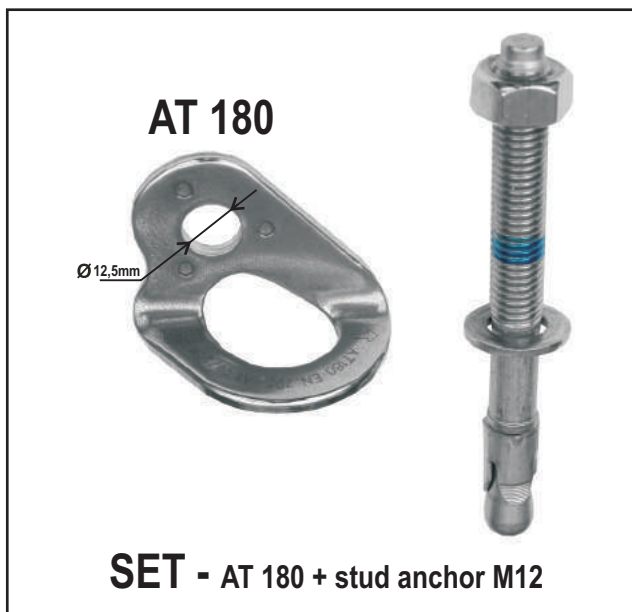
Edge distance - 90mm

Anchor type - mechanical anchor

Material - stainless steel

Standard embedment dept - 70 mm

Thread diameter - M12



## AT 181

### PERMANENT ANCHØR PØINT

EN 795 type A



Ref.: AT 181

Dimensions: 56 x 56 x 50mm

Weight: 0,65kg

Material: stainless steel ANSI 316

#### Stud Anchor

HSA-R M10x110/25/30

Anchor length - 110mm

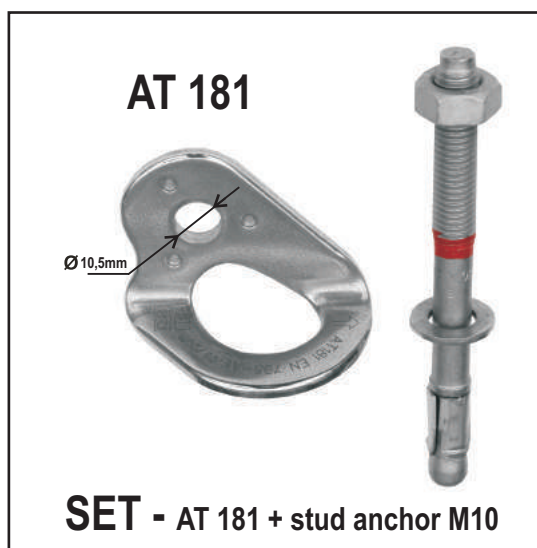
Edge distance - 50mm

Anchor type - mechanical anchor

Material - stainless steel

Standard embedment dept - 50 mm

Thread diameter - M10



# Permanent anchor point

## AT 020 **NEW** PERMANENT ANCHOR POINT

EN 795 type B



Ref.: AT 020

Weight: ~0,57kg

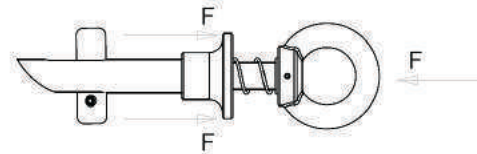
Material: galvanized steel, stainless steel, aluminium

Static strength: no less than 12kN

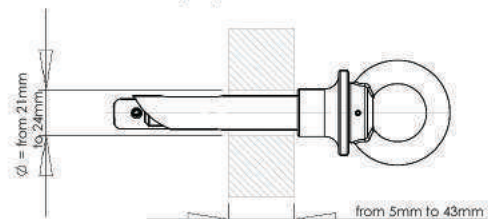
**Protection for one person.**

### MONTAGE SEQUENCE

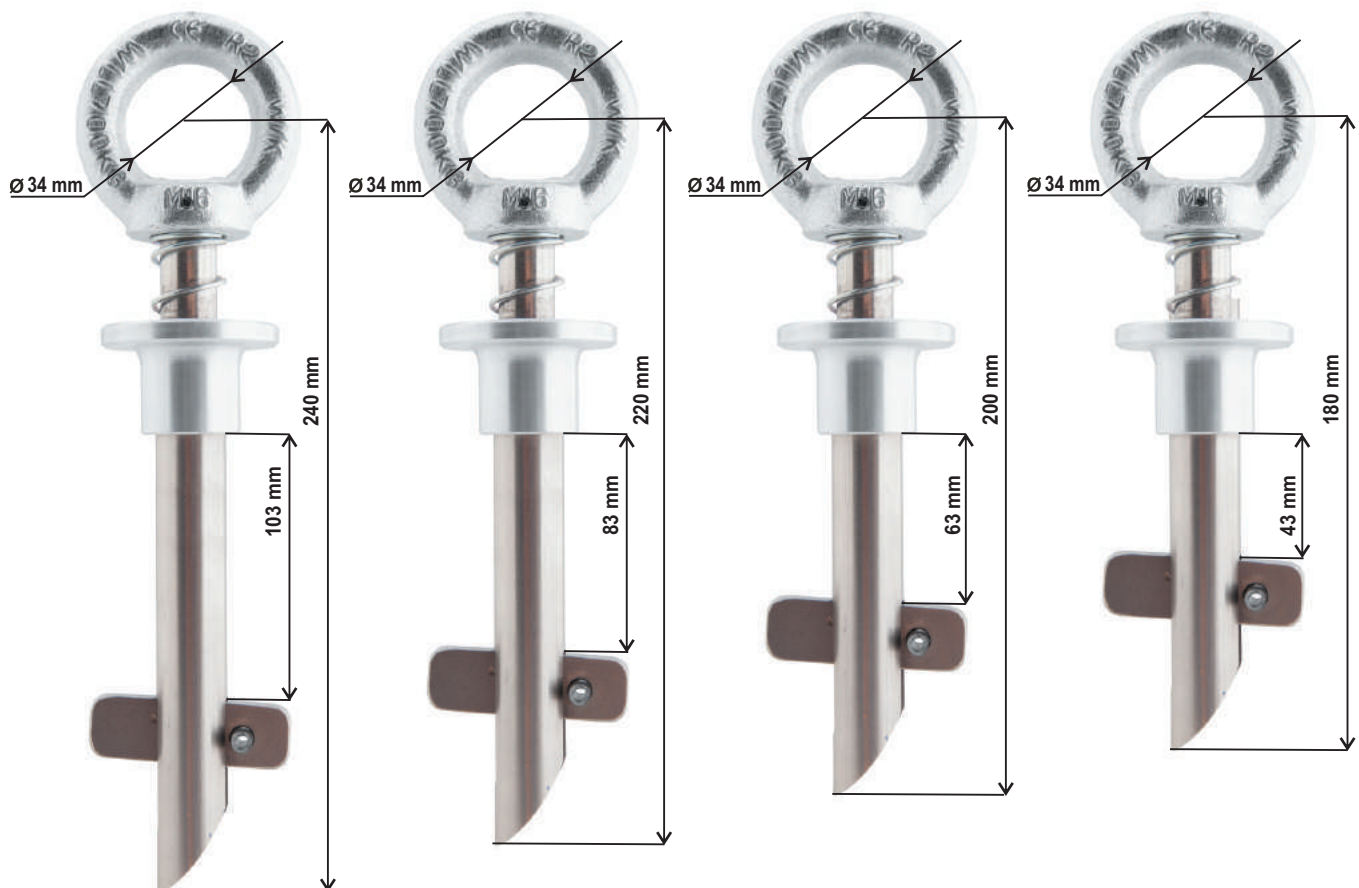
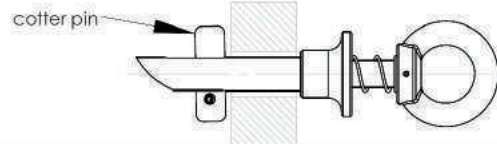
1. Squeeze device in the shown direction



2. Apply device into prepared hole



3. Make sure that cotter pin is open



# Permanent anchor point

## AT 151 PERMANENT ANCHØR PØINT

EN 795 type A



Ref.: AT 151

Dimensions: 300 x 296 x 98 mm

Weight: 2,25kg

Material: stainless steel

Static strength: 10 kN

**Protection for one person.**



## AT 152 PERMANENT ANCHØR PØINT

EN 795 type A



Ref.: AT 152

Dimensions: 173 x 60 x 20mm

Weight: 0,35kg

Material: hot-dip galvanized steel

Static strength: 12 kN

**Protection for one person.**



# Permanent anchor point

## AT 401 **NEW** PERMANENT ANCHØR PØINT

EN 795 type A



Ref.: AT 401

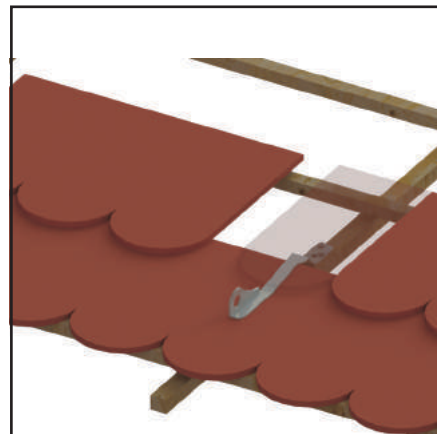
Dimensions: 418 x 195 mm

Weight: 0,54kg

Material: stainless steel

Static strength: 10 kN

**Protection for one person.**



## AT 402 **NEW** PERMANENT ANCHØR PØINT

EN 795 type A



Ref.: AT 402

Dimensions: 173 x 60 x 20mm

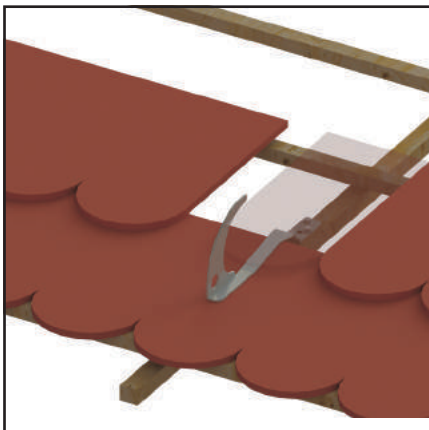
Weight: 0,35kg

Material: hot-dip galvanized steel

Static strength: 12 kN

Permissible static load: 2 kN

**Protection for one person.**





# Permanent anchor point

## AT 190 **NEW** PERMANENT ANCHØR PØINT

EN 795 type B



Ref.: AT 190

Material: stainless steel, copper

Static strength: 10 kN

**Protection for one person.**

AT 190 xx (xx - length)

Standards:

AT 190 060 - length 600 mm

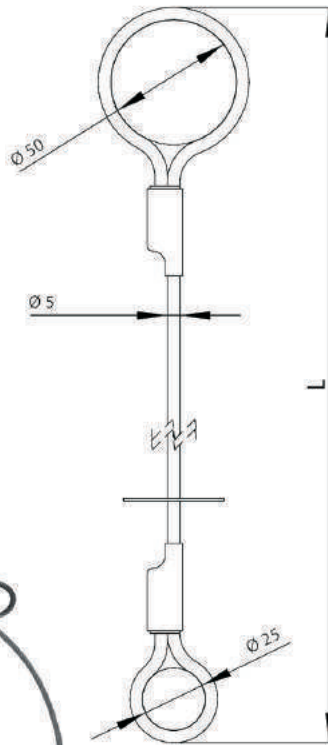
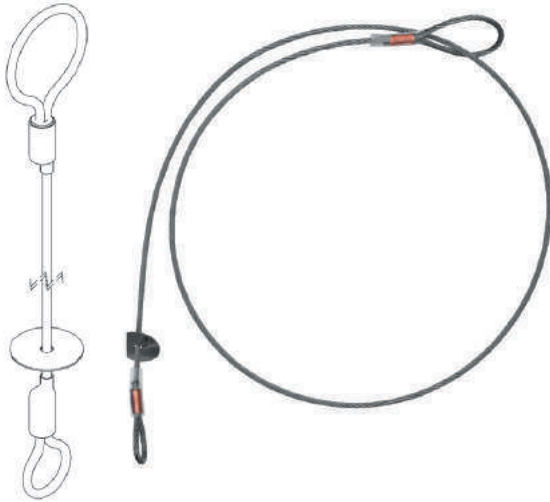
AT 190 100 - length 1000 mm

AT 190 200 - length 2000 mm

AT 190 300 - length 3000 mm

AT 190 500 - length 5000 mm

AT 190 1000 - length 10 000 mm



## AT 191 **NEW** PERMANENT ANCHØR PØINT

EN 795 type B



Ref.: AT 191

Material: stainless steel, copper

Static strength: 30 kN

**Protection for one person.**

AT 191 xx (xx - length)

Standards:

AT 191 060 - length 600 mm

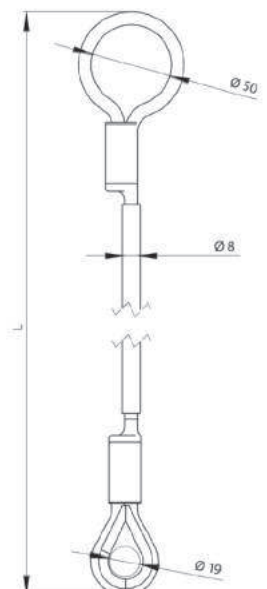
AT 191 100 - length 1000 mm

AT 191 200 - length 2000 mm

AT 191 300 - length 3000 mm

AT 191 500 - length 5000 mm

AT 191 1000 - length 10 000 mm



# Cable clamp

## AT 191s CABLE CLAMP FØR TELESCØPIC PØLE **NEW**

EN 795 type B



Ref.: AT 191s

Material: stainless steel, copper, polyamide

Static strength: 30 kN

**Protection for one person.**

**AT 191s xx** (xx - length)

Standards:

AT 191s 060 - length 60 cm

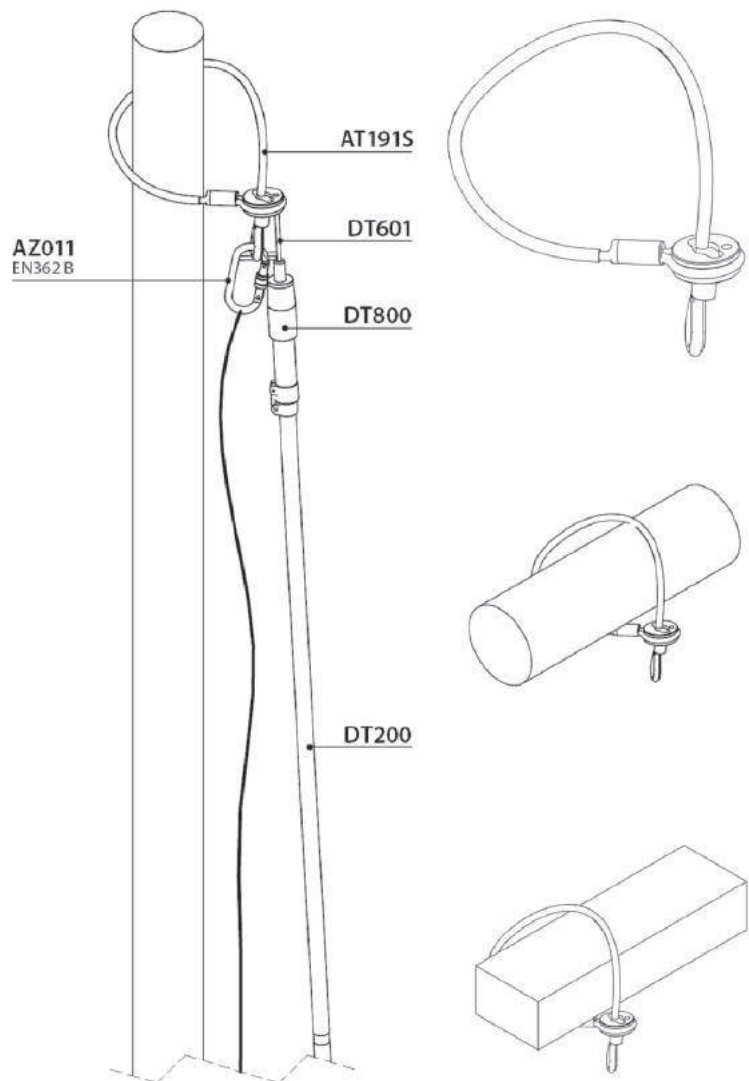
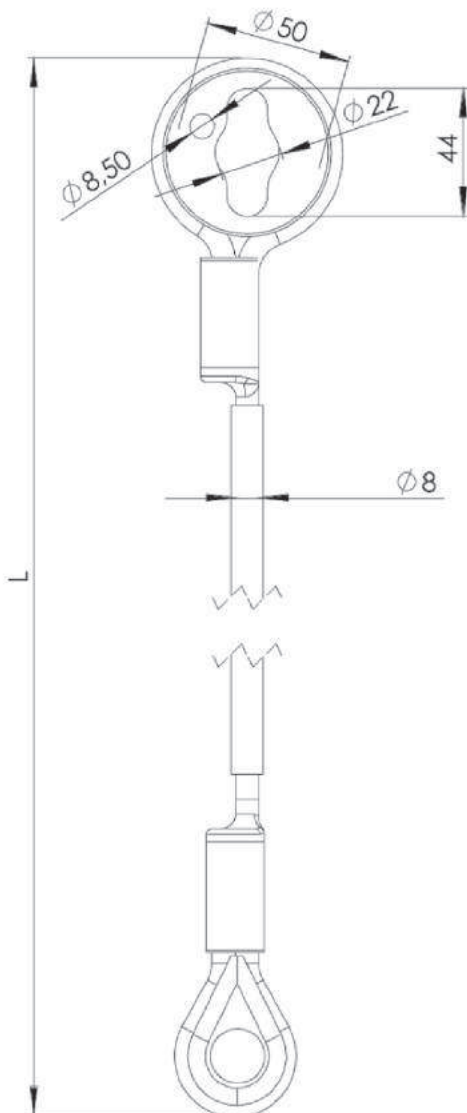
AT 191s 100 - length 100 cm

AT 191s 200 - length 200 cm

AT 191s 300 - length 300 cm

AT 191s 500 - length 500 cm

AT 191s 1000 - length 1000 cm



# Permanent anchor point

## AT 192 **NEW** PERMANENT ANCHOR POINT

EN 795 type A2



Ref.: AT 192

Material: stainless steel, galvanized steel

Static strength: 12 kN

Protection for one person.

AT 192 xx (xx - length)

Standards:

AT 192 035 - length 350 mm

AT 192 100 - length 1000 mm

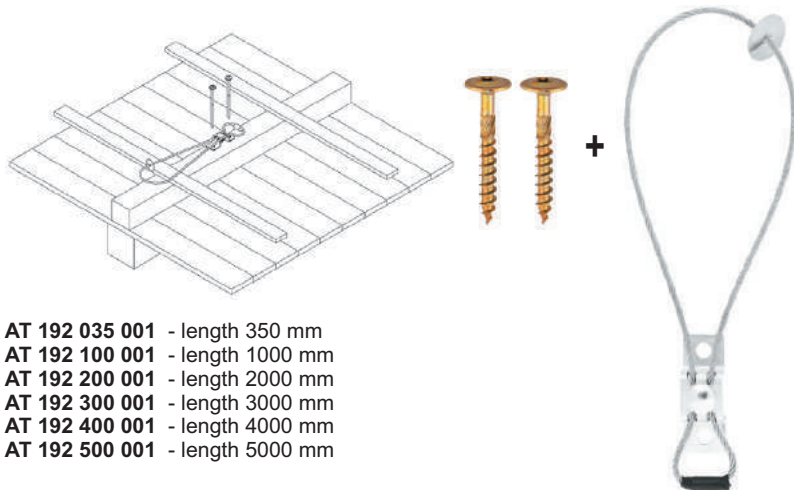
AT 192 200 - length 2000 mm

AT 192 300 - length 3000 mm

AT 192 400 - length 4000 mm

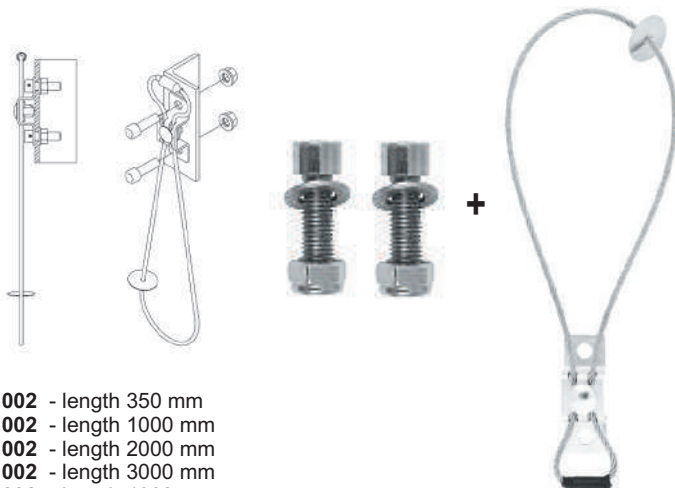
AT 192 500 - length 5000 mm

### AT 192 XX 001 - SET

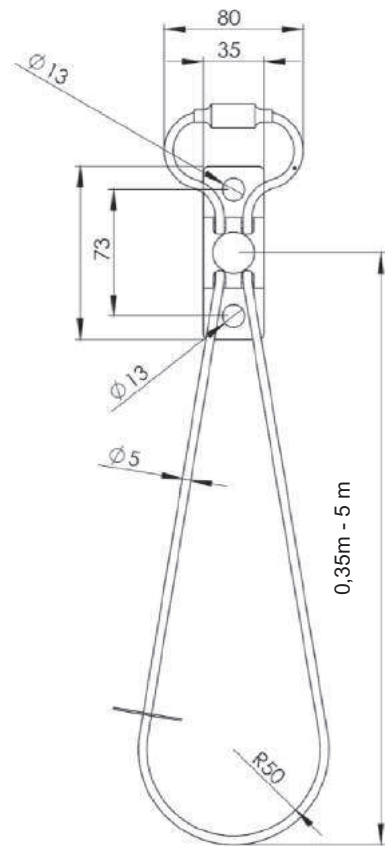


- AT 192 035 001 - length 350 mm
- AT 192 100 001 - length 1000 mm
- AT 192 200 001 - length 2000 mm
- AT 192 300 001 - length 3000 mm
- AT 192 400 001 - length 4000 mm
- AT 192 500 001 - length 5000 mm

### AT 192 XX 002 - SET



- AT 192 035 002 - length 350 mm
- AT 192 100 002 - length 1000 mm
- AT 192 200 002 - length 2000 mm
- AT 192 300 002 - length 3000 mm
- AT 192 400 002 - length 4000 mm
- AT 192 500 002 - length 5000 mm



# Permanent anchor point

## HL 104 **NEW** PERMANENT ANCHOR POINT

EN 795 type A

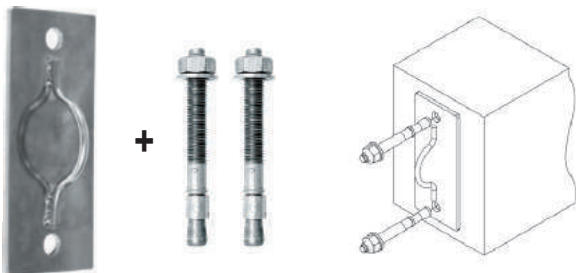


Ref.: HL 104

Dimensions: 70 x 166 x 39 mm  
Material: stainless steel - AISI 304  
Static strength: 12 kN  
**Protection for one person.**

### HL 104 001 - SET

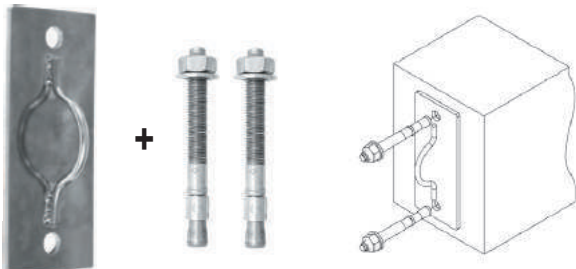
ASSEMBLY FOR CONCRETE



HL 104 + the anchor of stainless steel M12.

### HL 104 002 - SET

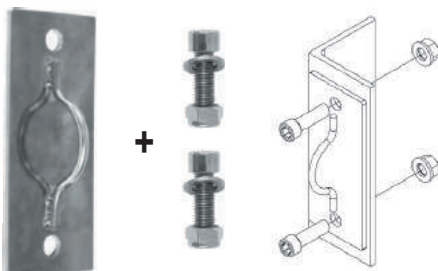
ASSEMBLY FOR CONCRETE



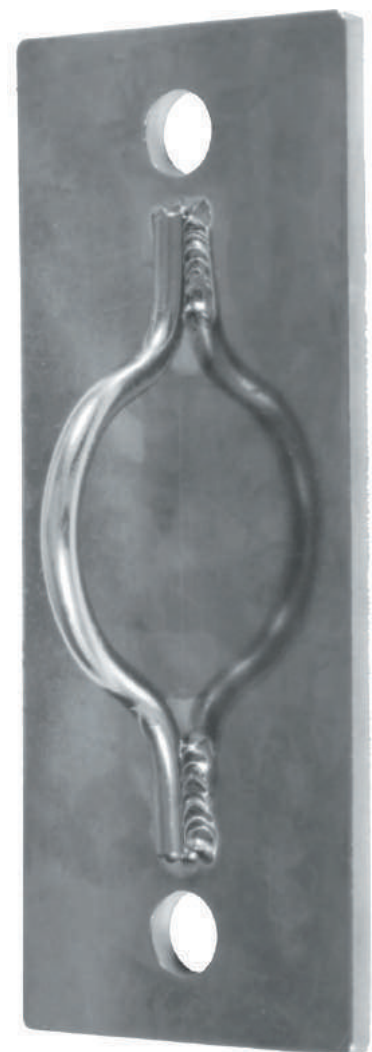
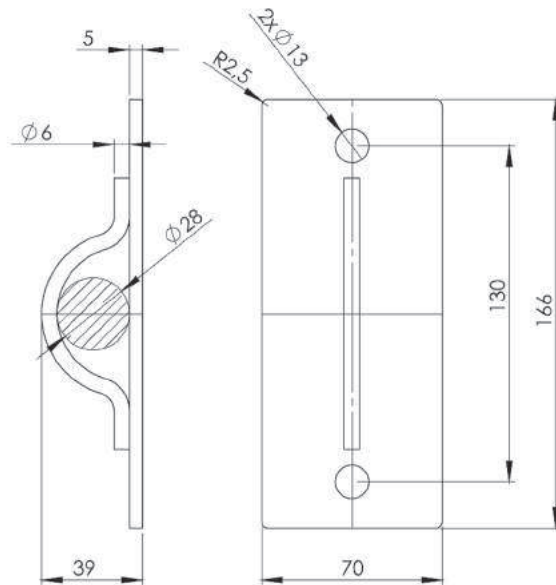
HL 104 + the anchor made of galvanized steel M12.

### HL 104 003 - SET

ASSEMBLY OF THE STEEL PROFILE



HL 104 + the anchor of stainless steel M12.



# Permanent anchor point

## HL 105 **NEW** PERMANENT ANCHOR POINT

EN 795 type A



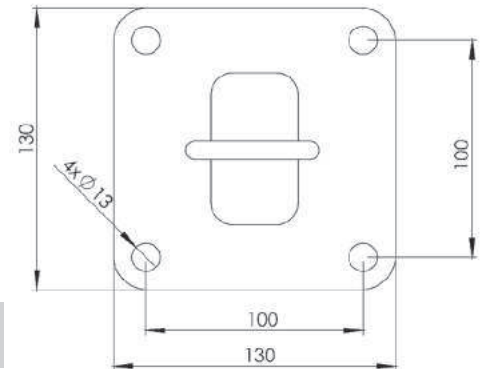
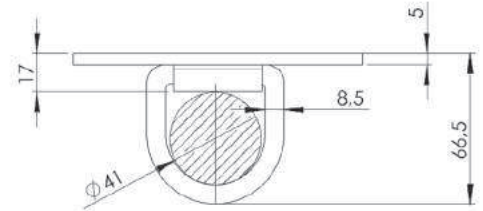
Ref.: HL 105

Dimensions: 130 x130 x 17-66,5 mm

Material: Powder coated steel - RAL 1023

Static strength: 12 kN

**Protection for one person.**



### HL 105 001 - SET

ASSEMBLY FOR CONCRETE



HL 104 + the anchor of stainless steel M12.

### HL 105 002 - SET

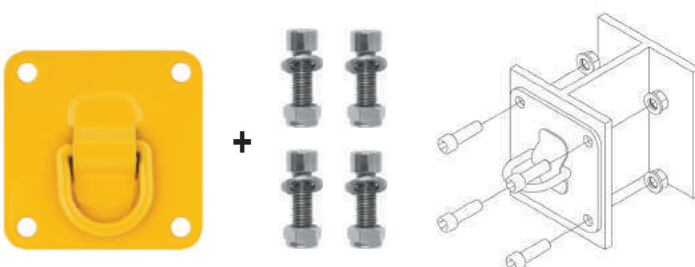
ASSEMBLY FOR CONCRETE



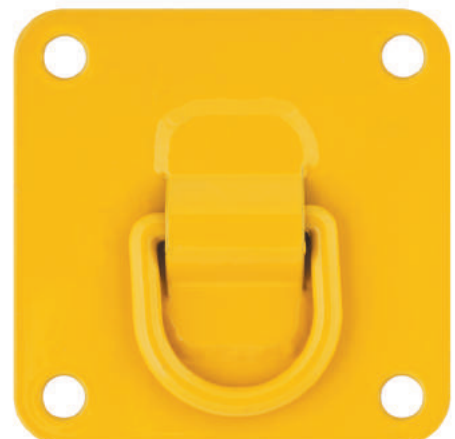
HL 104 + the anchor made of galvanized steel M12.

### HL 105 003 - SET

ASSEMBLY OF THE STEEL PROFILE



HL 104 + the anchor of stainless steel M12.



# Permanent anchor point

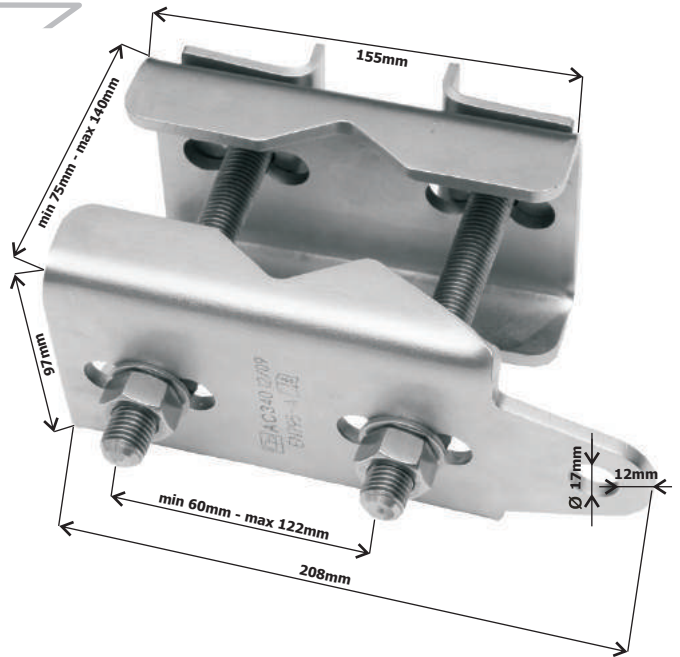
## AC 340 ANCHØR CLAMP

EN 795 type A

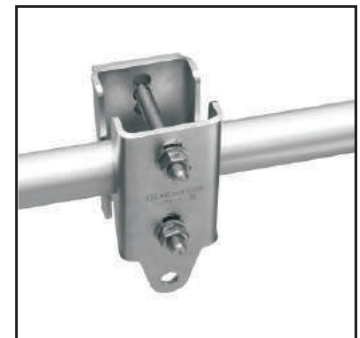
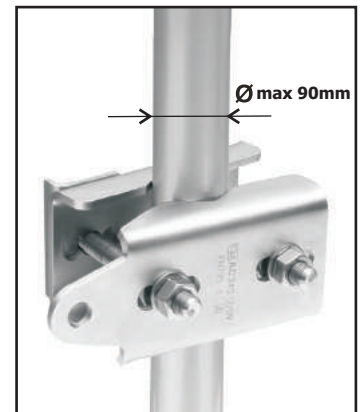
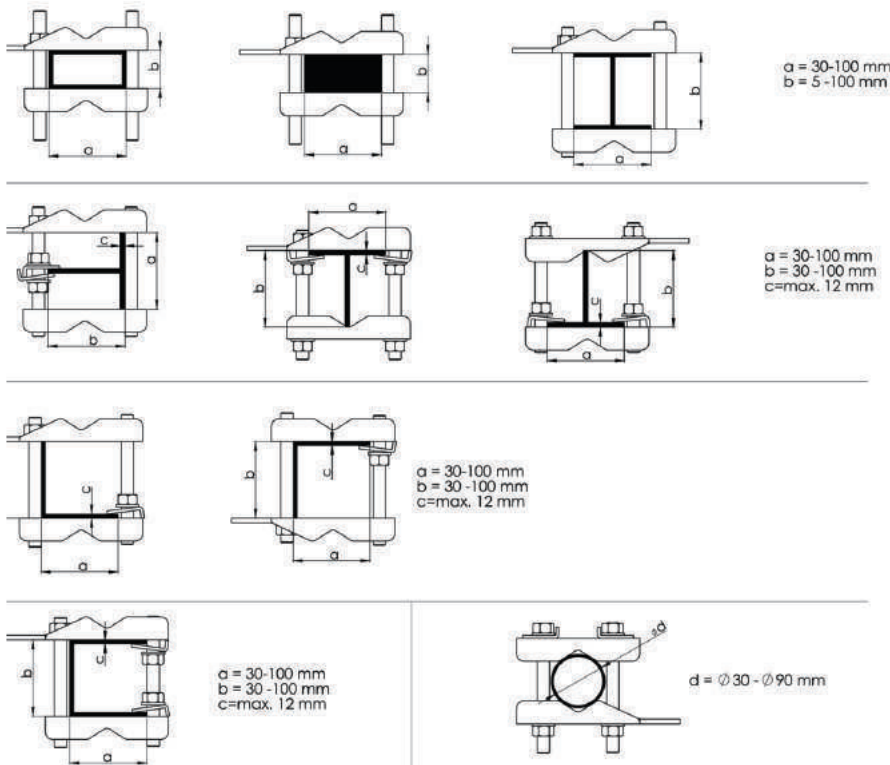


Ref.: AC 340

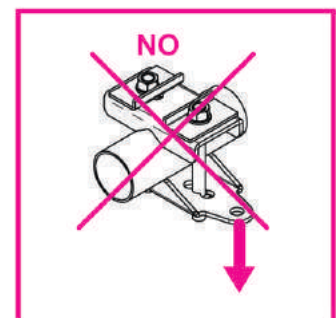
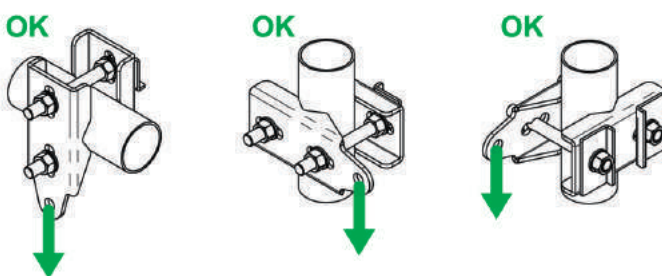
Weight: 2,5 kg;  
Material: stainless steel - 6 mm;  
System strength > 10kN  
Clamping range: 75-140 mm



### USE OF THE DEVICE



### MØNTAGE



# Permanent horizontal systems

## ST 010 ANCHØR TRØLLEY

EN 795 type B



Ref.: AT 100

Can be used with rails - width **65 - 120 mm**;

Weight: 5,2 kg;

Material: galvanized steel, painted steel



EXAMPLE: ST 010 with CR 200

## ST 020 ANCHØR CLAMP

EN 795 type B

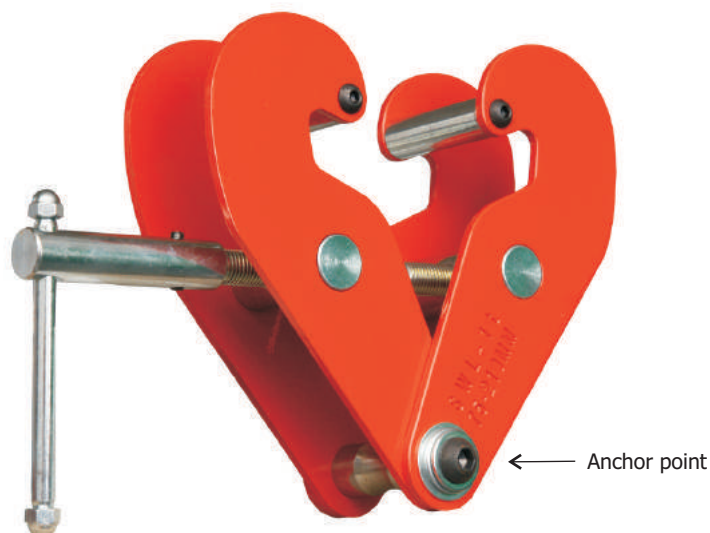


Ref.: AT 200

Can be used with rails - width **75 - 210 mm**;

Weight: 4,0 kg;

Material: galvanized steel, painted steel



# Permanent horizontal systems

## **AT 250** **ALU ANCHØR CLAMP**

EN 795 type B



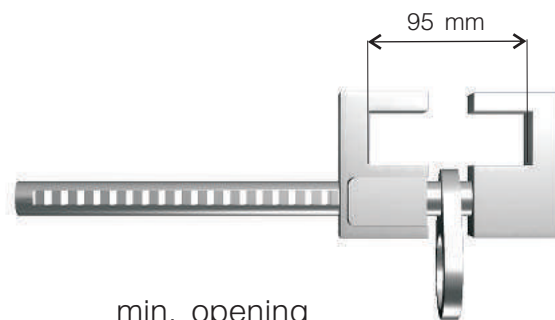
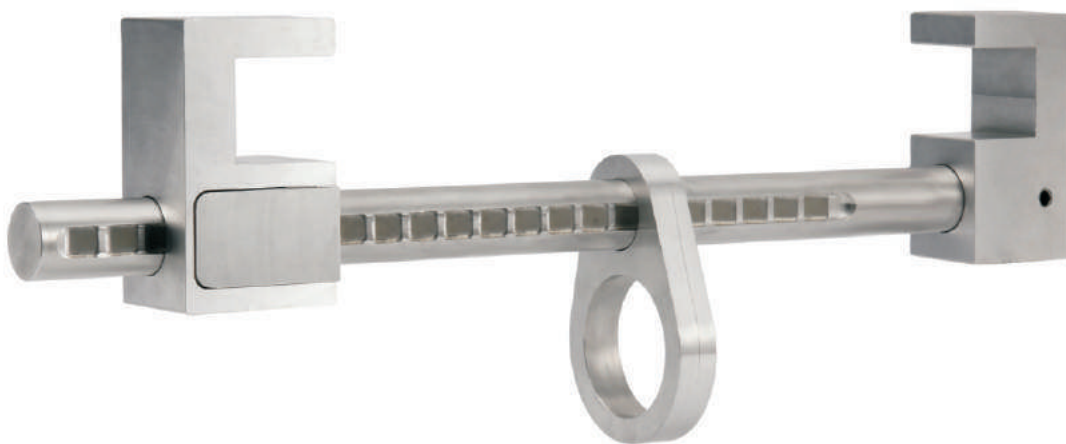
Ref.: AT 250

Dimensions: 440 x 100 x 45 mm;

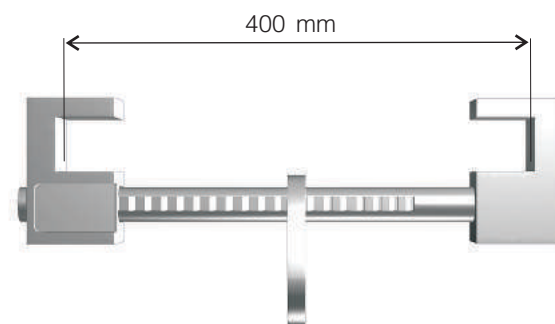
Weight: 1,37 kg;

Material: alu.

For one worker.



min. opening




max. opening

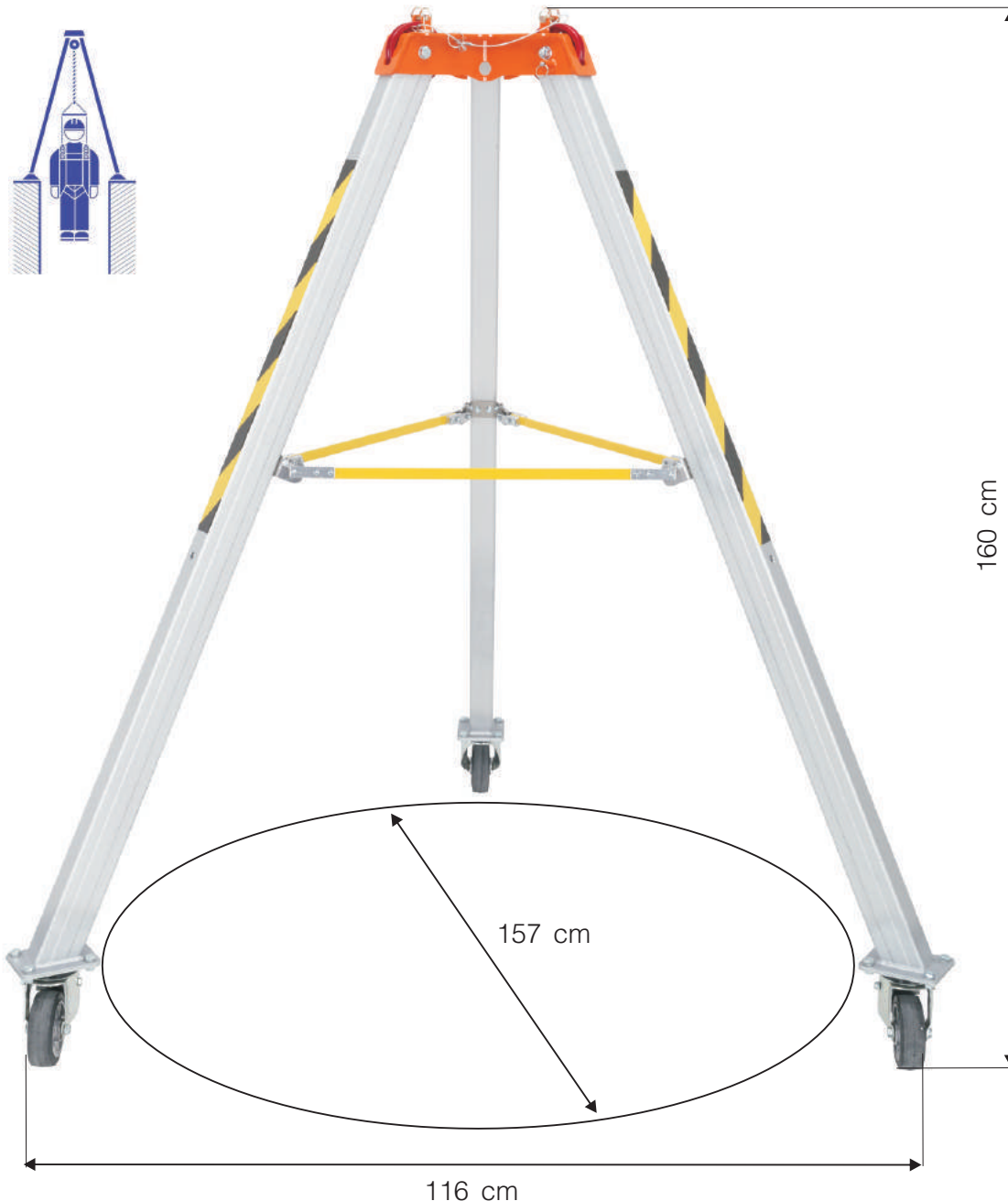
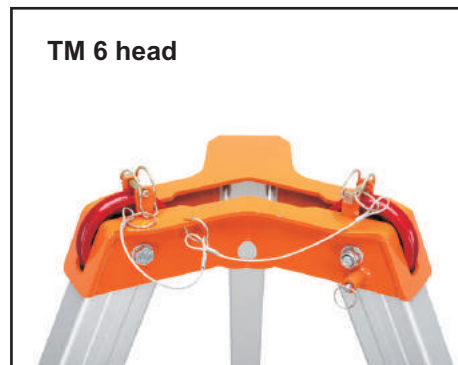


# Tripods, anchor and rescue

## TM 6 SAFETY TRIPØD


EN 795/B:2012, TS 16415/B:2013 

Height: 160 cm  
Material: **aluminum**  
Opening diameter under tripod: 157 cm  
Leg spacing: 116 cm  
Device weight: 34 kg  
Anchor points on head: **3**  
Lifting and descending: **max. 2 persons**  
Transport dimensions: 200x47x47 cm



# Tripods, anchor and rescue

## TM 7 SAFETY TRIPØD

EN 795/B:2012, TS 16415/B:2013 

Ref.: AT 009

Height: 147-229 cm

Material: **steel**

Opening diameter under tripod: 140-213 cm

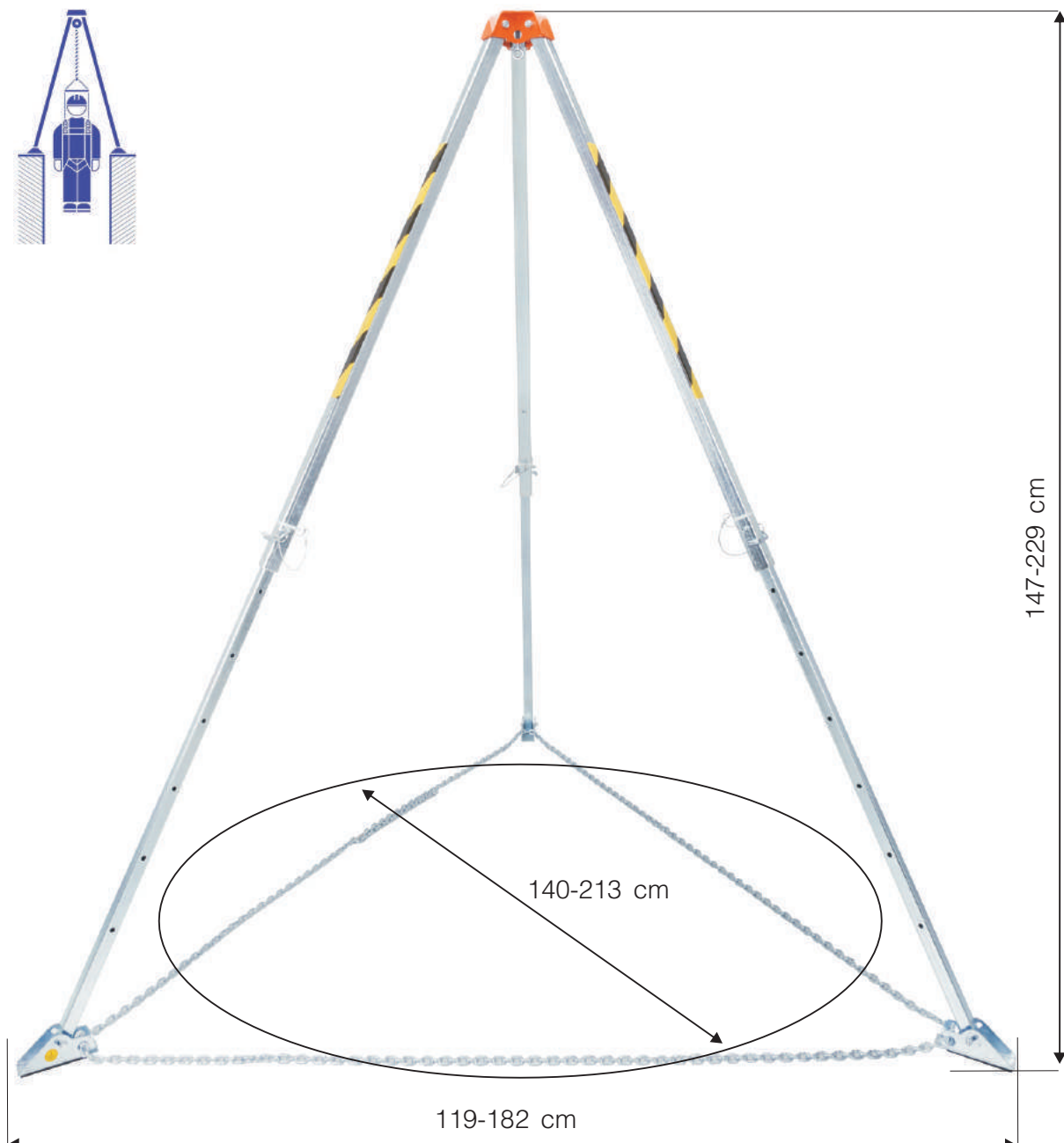
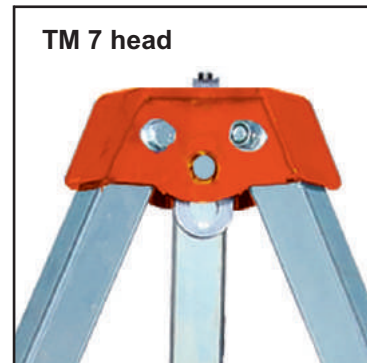
Leg spacing: 119-182 cm

Device weight: 35 kg

Anchor points on head: **4**

Lifting and descending: **1 person only**

Transport dimensions: 175x23x23 cm



# Tripods, anchor and rescue

## TM 9 SAFETY TRIPØD

EN 795/B:2012,



Ref.: AT 011

Height: 147-229 cm

Material: **aluminum**

Opening diameter under tripod: 140-213 cm

Leg spacing: 119-182 cm

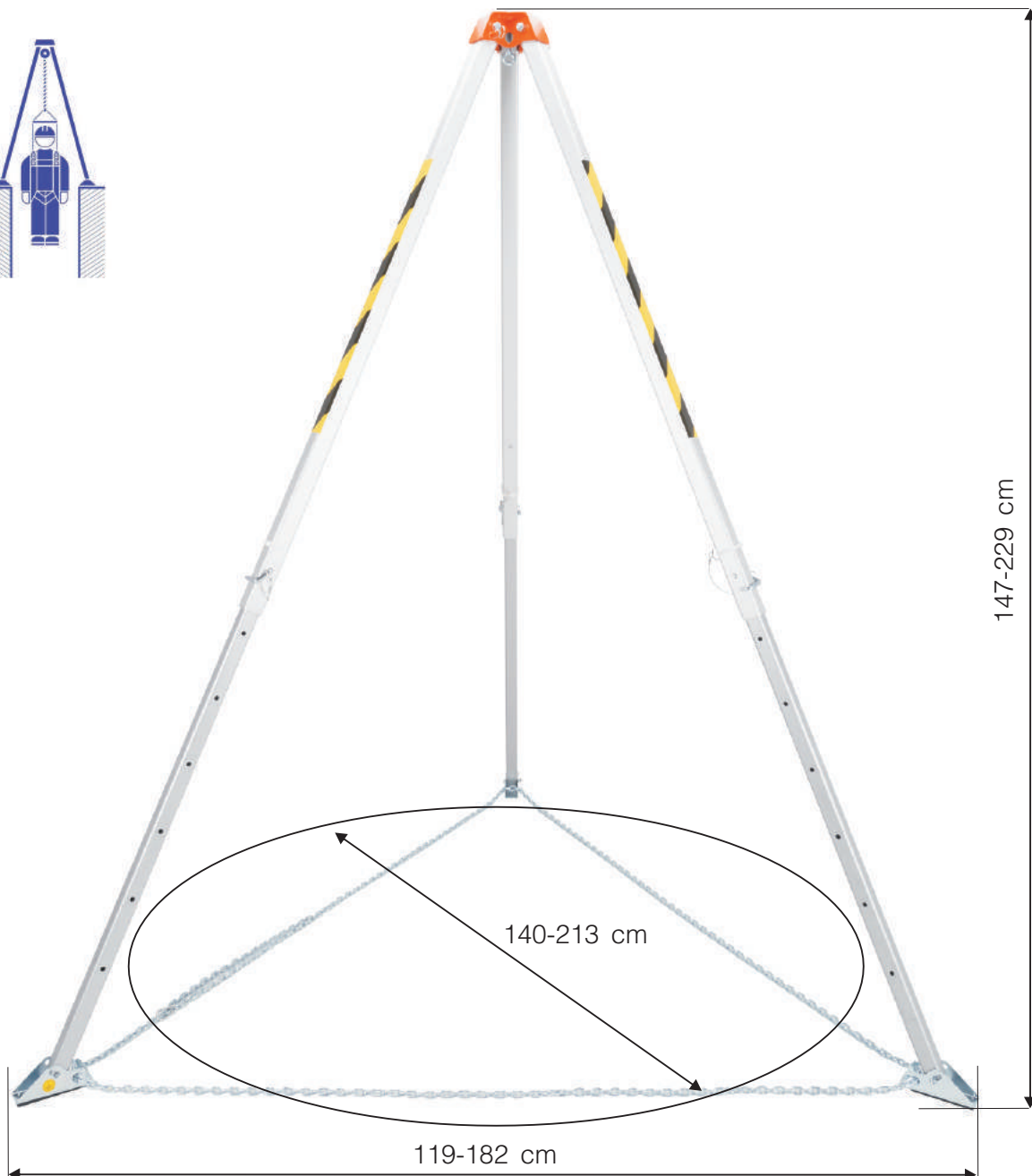
Device weight: 17 kg

Anchor points on head: **4**

Lifting and descending: **1 person only**


Transport dimensions: 175x23x23 cm

TM 9 head



# Tripods, anchor and rescue

## TM 13 SAFETY TRIPØD

EN 795/B:2012, TS 16415/B:2013 

Ref.: AT 015

Height: 179-289 cm

Material: **aluminum**

Opening diameter under tripod: 173-271 cm

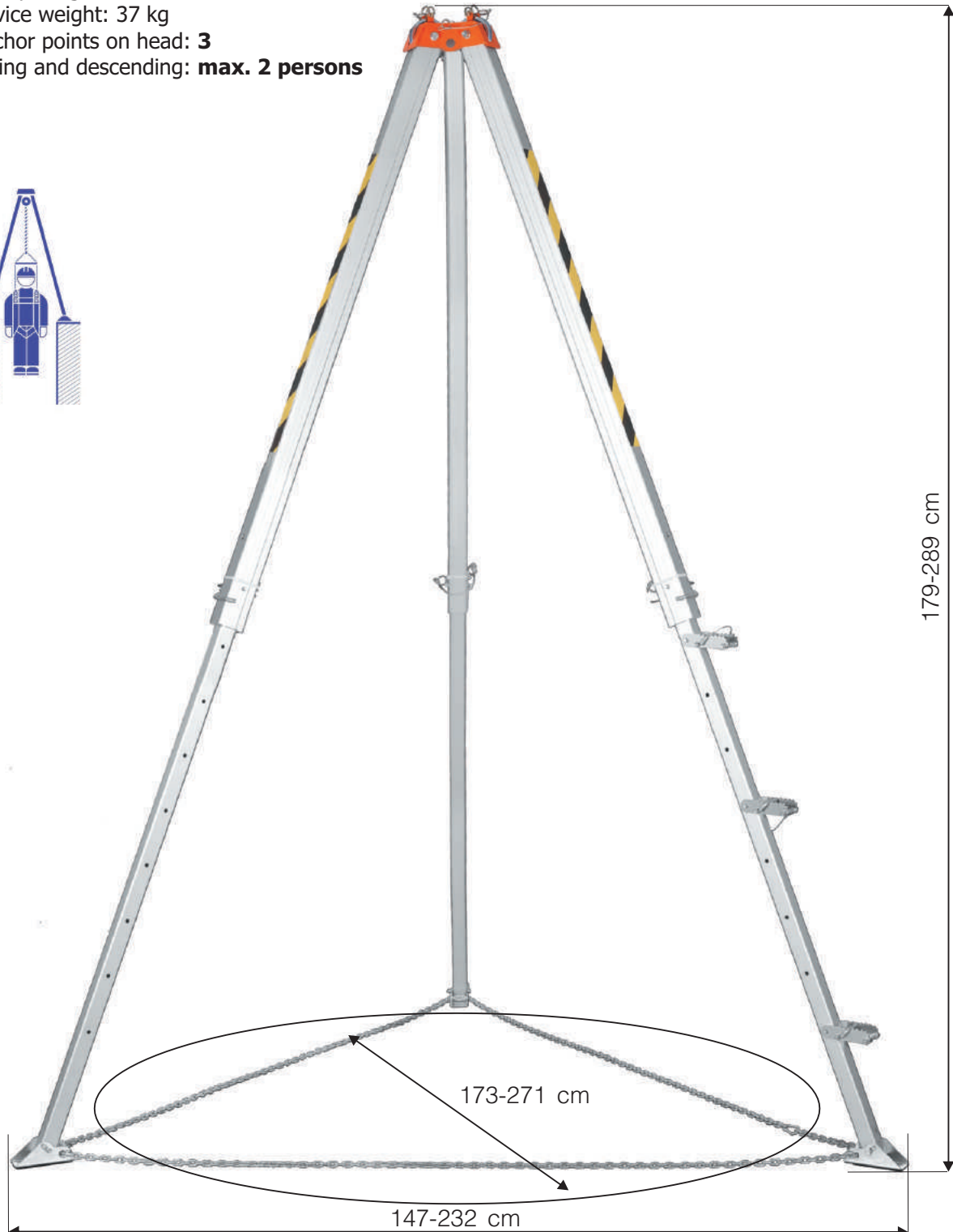
Leg spacing: 147-232 cm

Device weight: 37 kg

Anchor points on head: **3**


Lifting and descending: **max. 2 persons**

TM 13 head



## TM 14

### SAFETY TRIPØD

EN 795/B:2012, TS 16415/B:2013 

Ref.: AT 016

Height: 179-289 cm

Material: **aluminum**

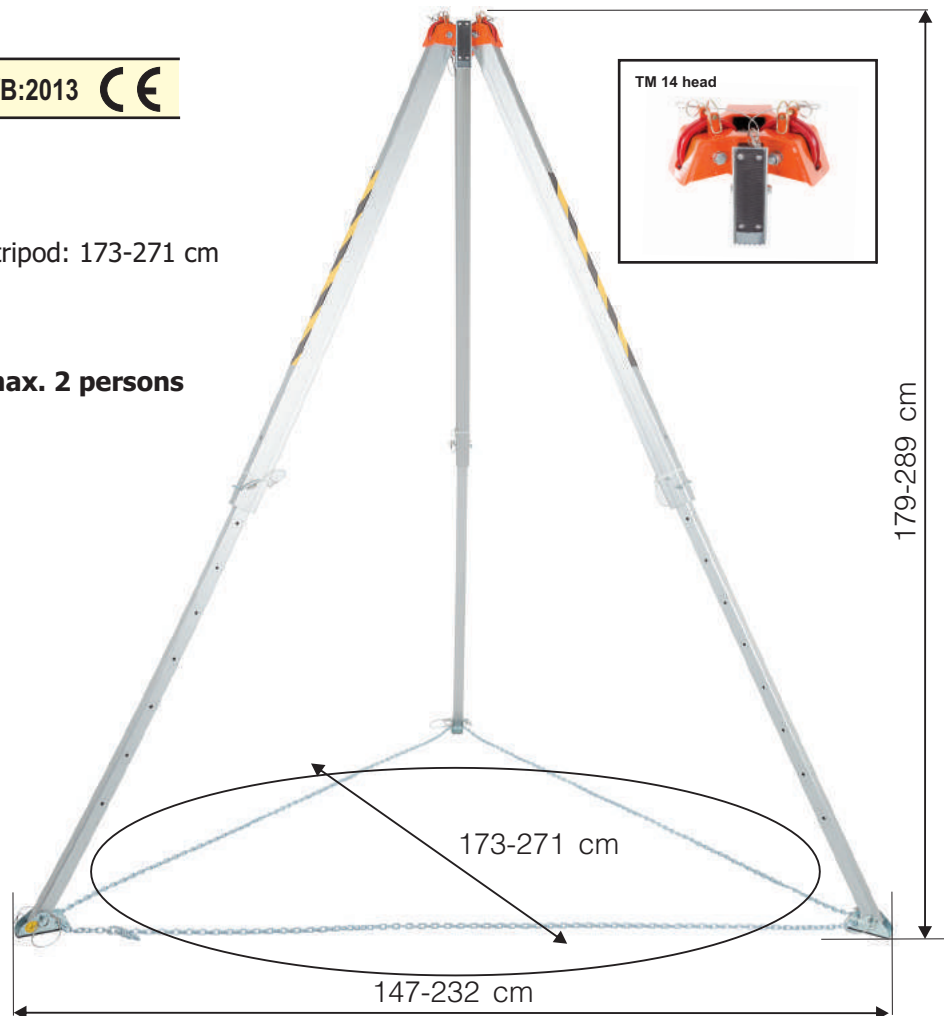
Opening diameter under tripod: 173-271 cm

Leg spacing: 147-232 cm

Device weight: 37 kg

Anchor points on head: **3**

Lifting and descending: **max. 2 persons**



### RESCUE FRAME VARIANT:

Height: 208 cm

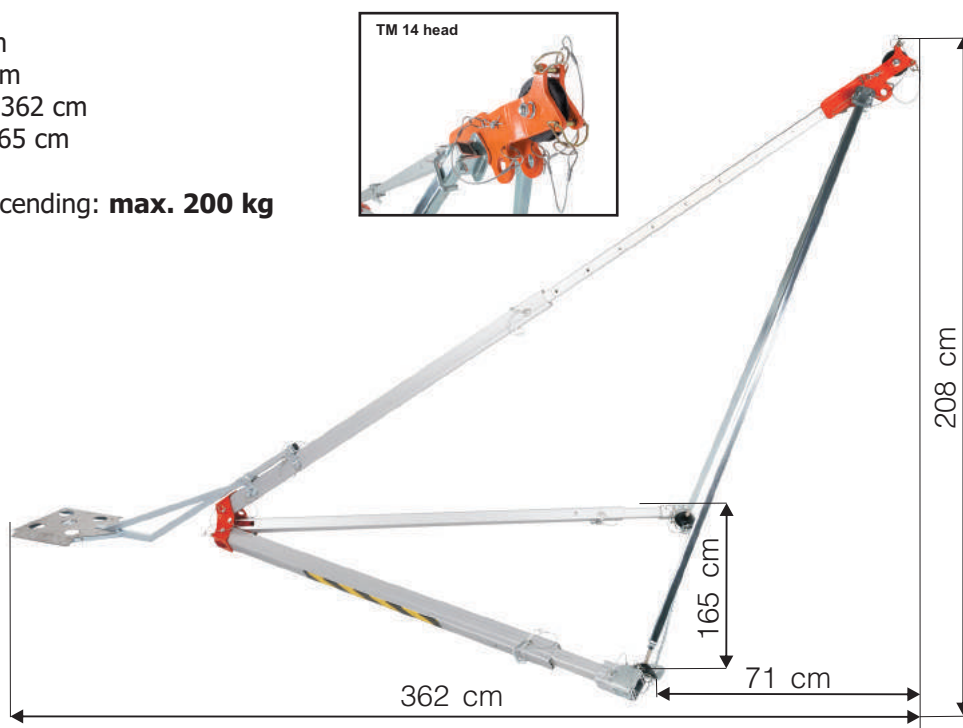
Extension: 71 cm

Overall length: 362 cm

Leg spacing: 165 cm

Weight: 65 kg

Lifting and descending: **max. 200 kg**



# Tripods, anchor and rescue

## RUP-503

### LIFTIG DEVICE

Ref.: AT 053 25 - 25 m cable

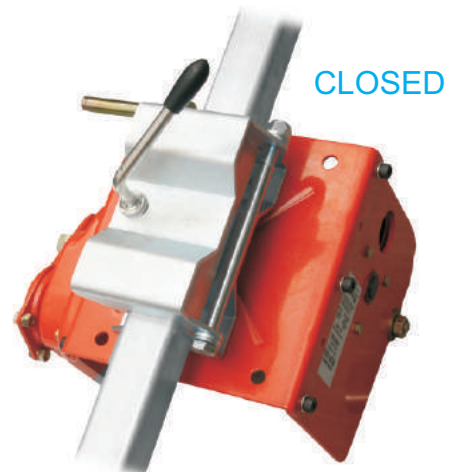
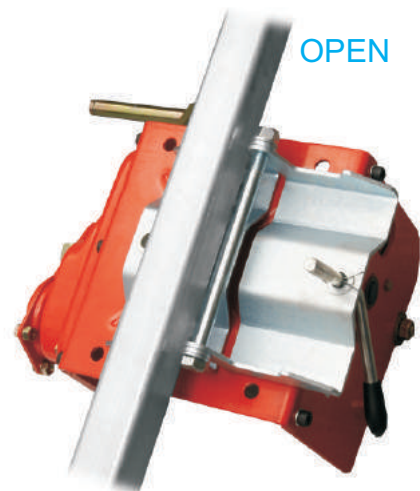
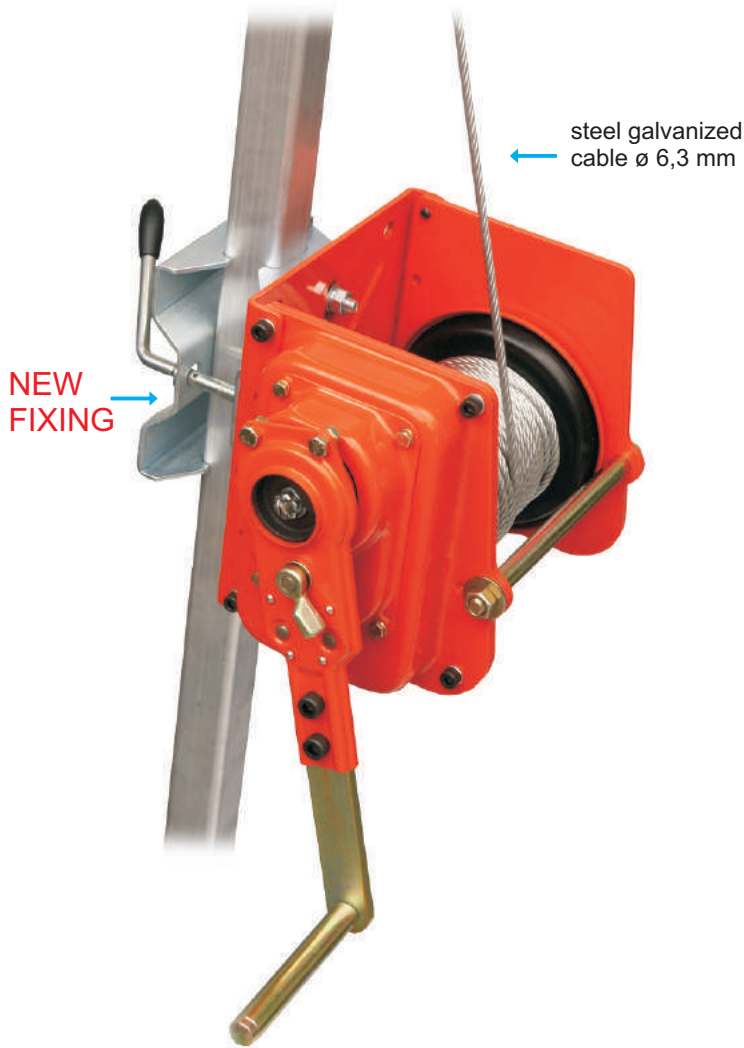
Ref.: AT 053 35 - 35 m cable

Ref.: AT 053 45 - 45 m cable

Ref.: AT 053 50 - 50 m cable

#### Lifting and lowering device:

- Automatic brake
- Permissible work load: **200 kg**
- Winch weight depending on cable length: 22,5 - 26,2 kg



TM 13 and RUP 503



# Tripods, anchor and rescue

## RUP-502

### RESCUE LIFTIG DEVICE

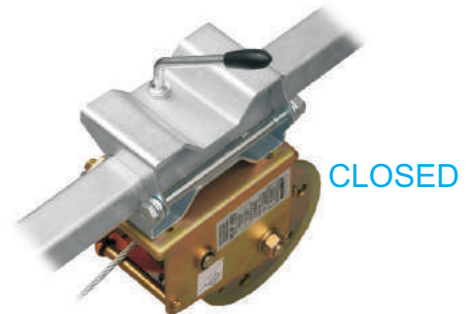
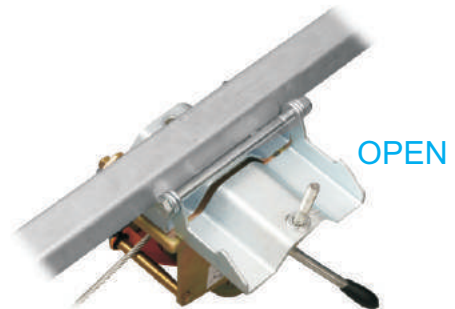
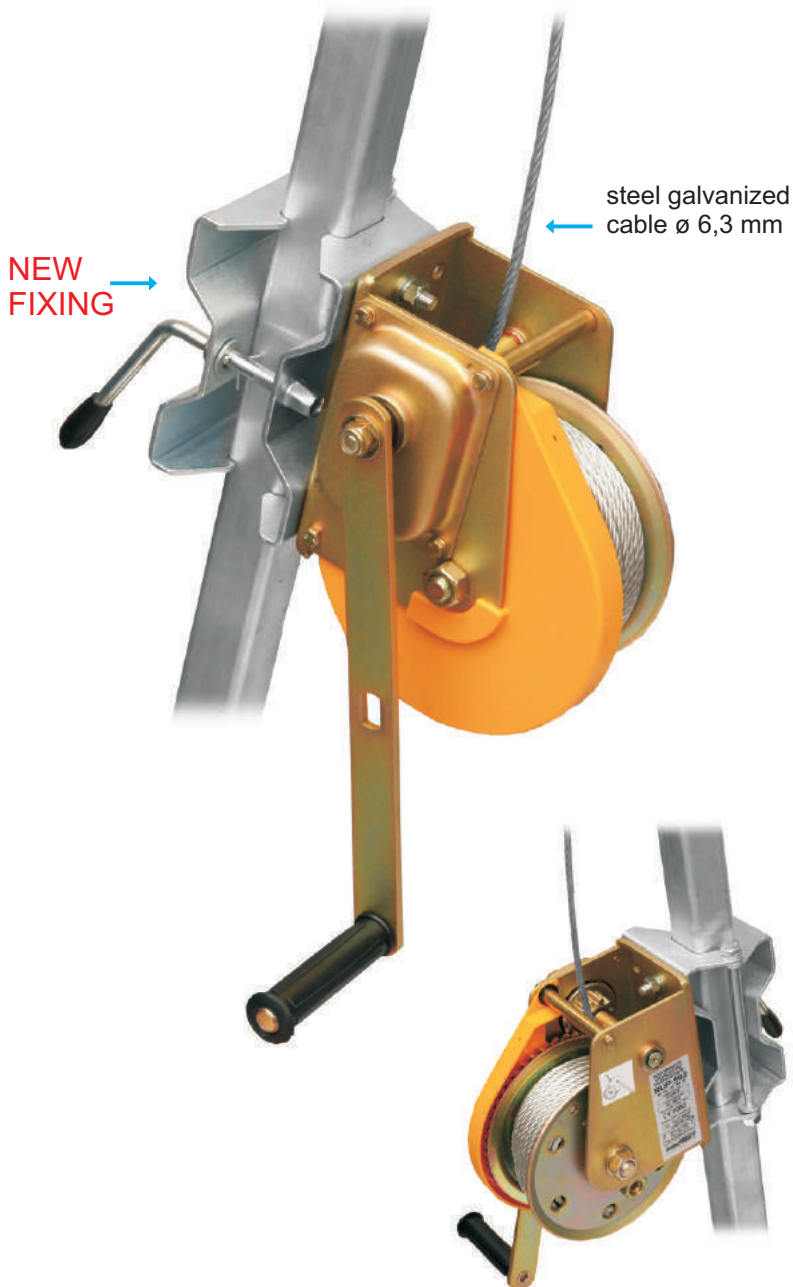
EN 1496 class B

Ref.: AT 050 20 - 20 m cable

Ref.: AT 050 25 - 25 m cable

#### Rescue lifting and lowering device:

- Automatic brake
- Winch weight: 13-14 kg
- Permissible work load: **140 kg**



## AT 300

### RESCUE LIFTIG SLING

EN 354 EN 358



Ref.: AT 300 01 - without snap hooks

Ref.: AT 300 02 - with snap hooks AZ 011



# Tripods, anchor and rescue

## PL 101

### PULLEY

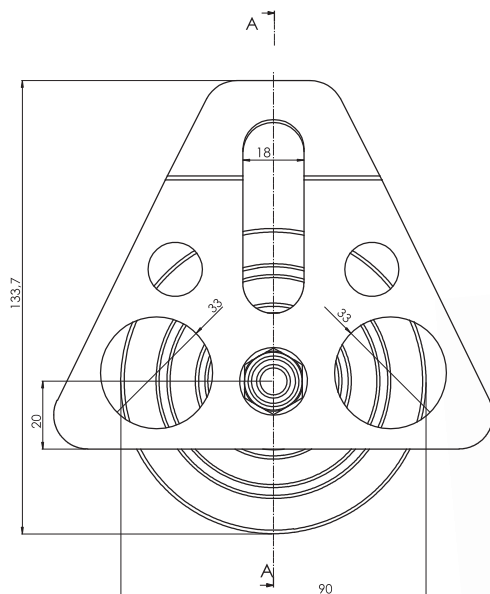
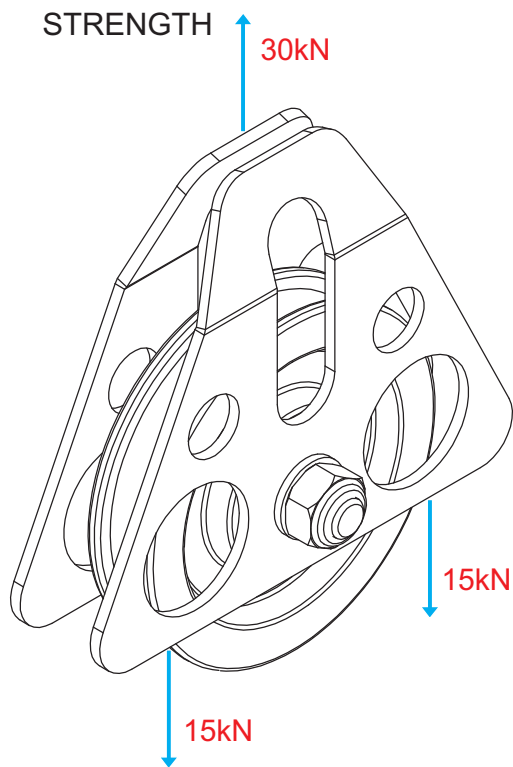
To Rescue Lifting Device RUP-502,  
and Safety Tripod TM-9

Ref.: PL 101

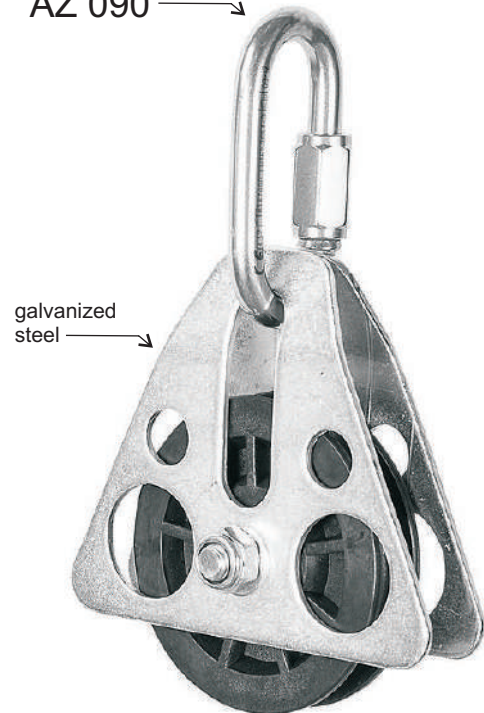
Dimensions: 133 x 56 x 128 mm

Weight: 450g

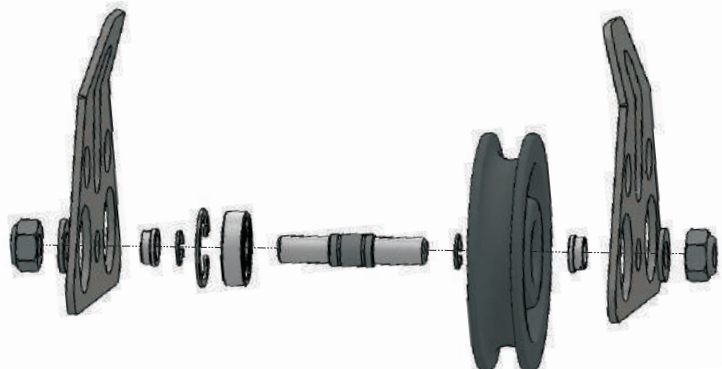
Material: galvanized steel, composite



AZ 090



polyamide  
reinforced glassfibre





# TU 415

Pulley with hook 1000kg

Ref.: PL 415

**TU 415 is used for lifting and lowering loads up to 1000kg.**

Material: Galvanized steel / stainless steel / radilon (pulley)

Weight: 1,14kg

Dimensions: 300x130x56mm

WWL (Working Load Limit): 10kN

MBS (Minimum Braking Force): 40kN

Safety Factor: 4:1



# TU 416

Pulley with hook 2000kg

Ref.: PL 416

**TU 416 is used for lifting and lowering loads up to 2000kg.**

Material: Galvanized steel / stainless steel / cast (pulley)

Weight: 2,54kg

Dimensions: 330x130x56mm

WWL (Working Load Limit): 20kN

MBS (Minimum Braking Force): 60kN

Safety Factor: 3:1



# Tripods, anchor and rescue

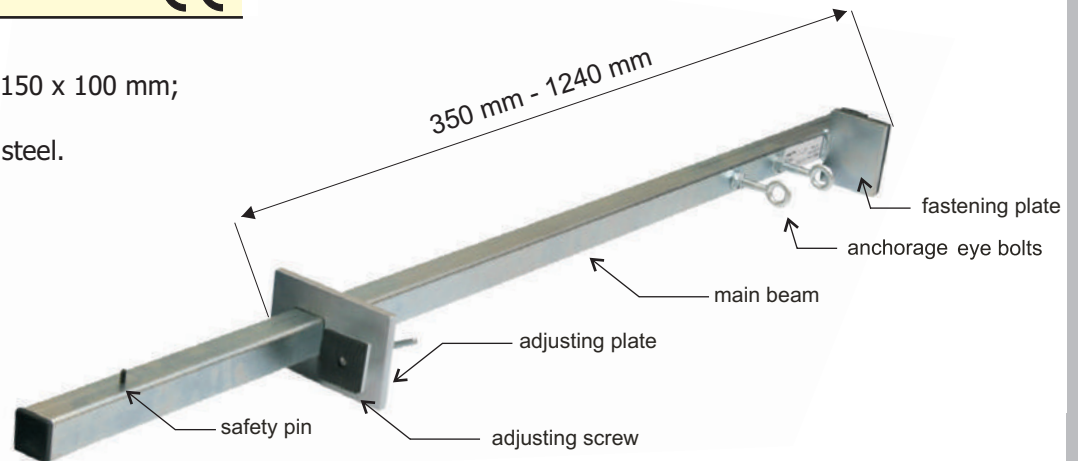
## AT 060 ANCHØR BEAM

EN 795 type B



Ref.: AT 060

Dimensions: 1415 x 150 x 100 mm;  
Weight: 6,9 kg;  
Material: galvanized steel.  
For one worker.



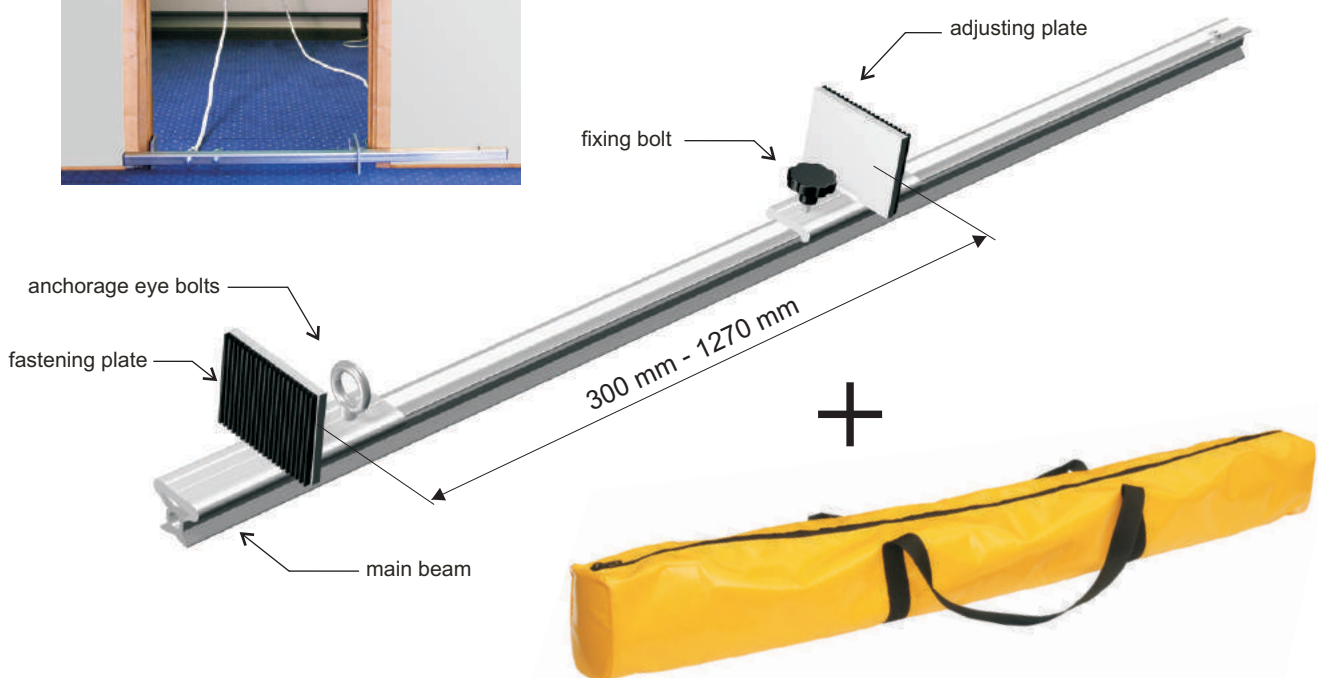
## AT 061 ALU ANCHØR BEAM + BAG

EN 795 type B



Ref.: AT 061

Dimensions: 1450 x 122 x 100 mm;  
Weight: 3,2 kg;  
Material: alu.  
For one worker.



# Tripods, anchor and rescue

## AT 062 set

ALU ANCHØR BEAM AT 061 + AT 061A + BAG

EN 795 type B



Ref.: AT 062

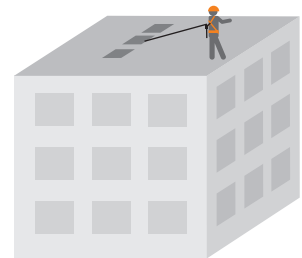
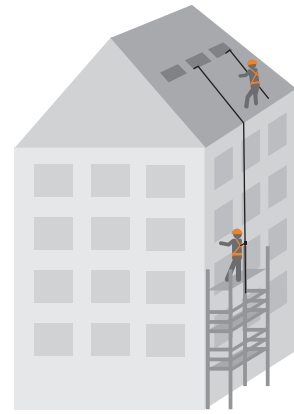
Dimensions after packing:

1450 x 300 x 200mm

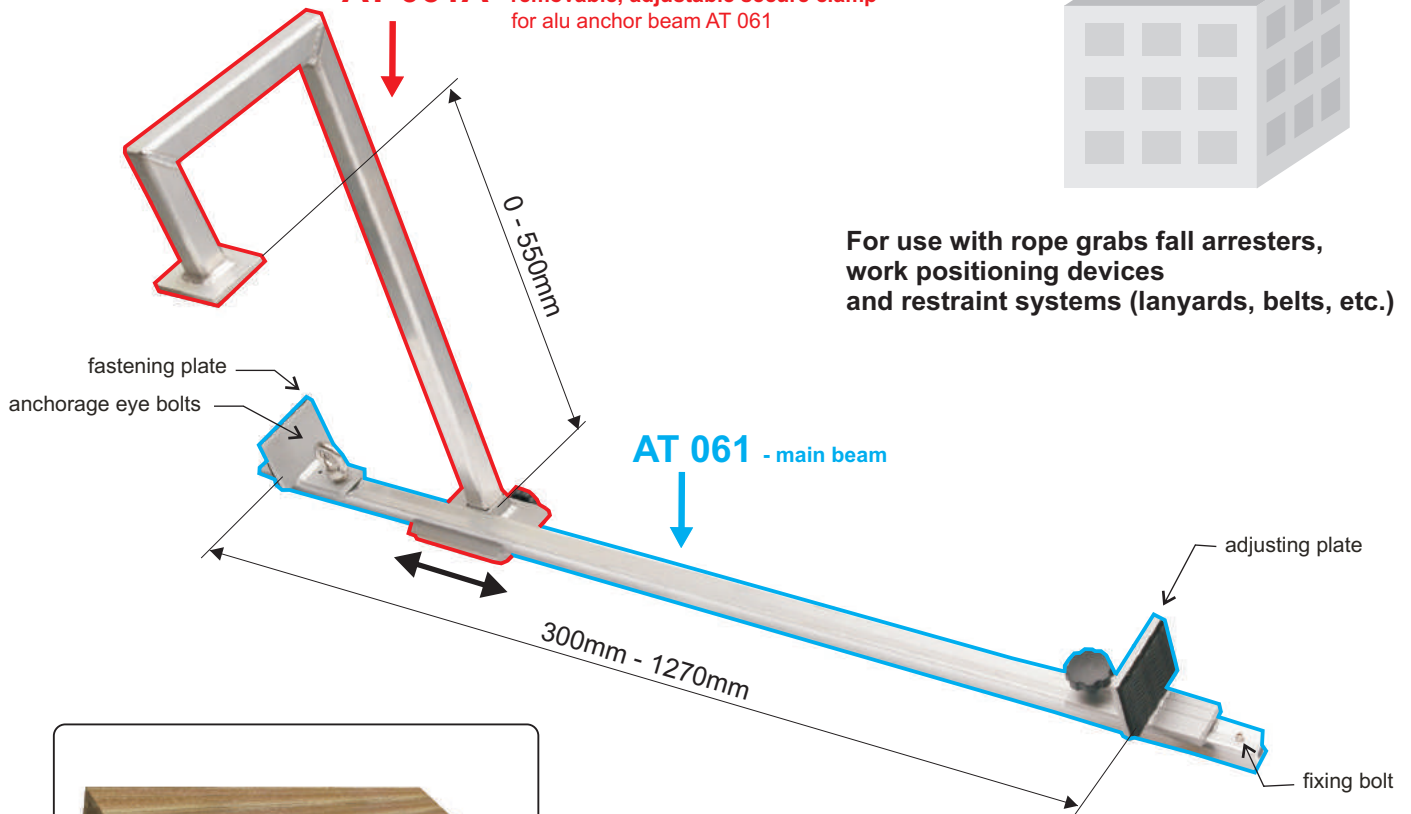
Weight: 6,7kg (with bag);

Material: alu profiles

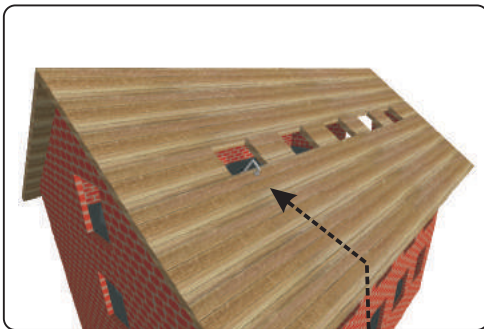
For one worker.



**AT 061A** - removable, adjustable secure clamp  
for alu anchor beam AT 061



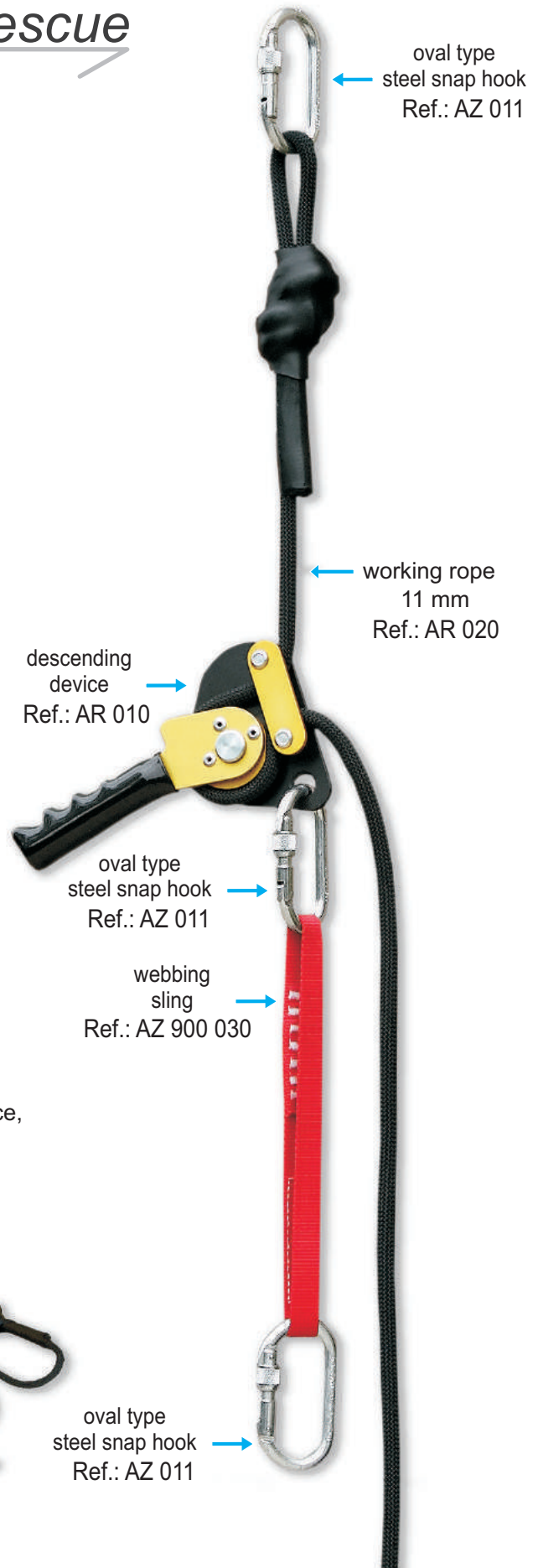
For use with rope grabs fall arresters,  
work positioning devices  
and restraint systems (lanyards, belts, etc.)



# Tripods, anchor and rescue

## AR 010 RESCUE DESCENT DEVICES

EN 341 class C



### ESCAPE KIT:

- descending device,
- working rope,
- 3 snap hooks,
- webbing sling,
- knife,
- transporting bag.



KITS WITH ROPE: 20m  
30m  
40m  
50m

# Tripods, anchor and rescue



## DX 301 rescue triangle

Ref.: DX 301



## P-10R safety harness

EN 361 EN 1497



Ref.: AB 110 03

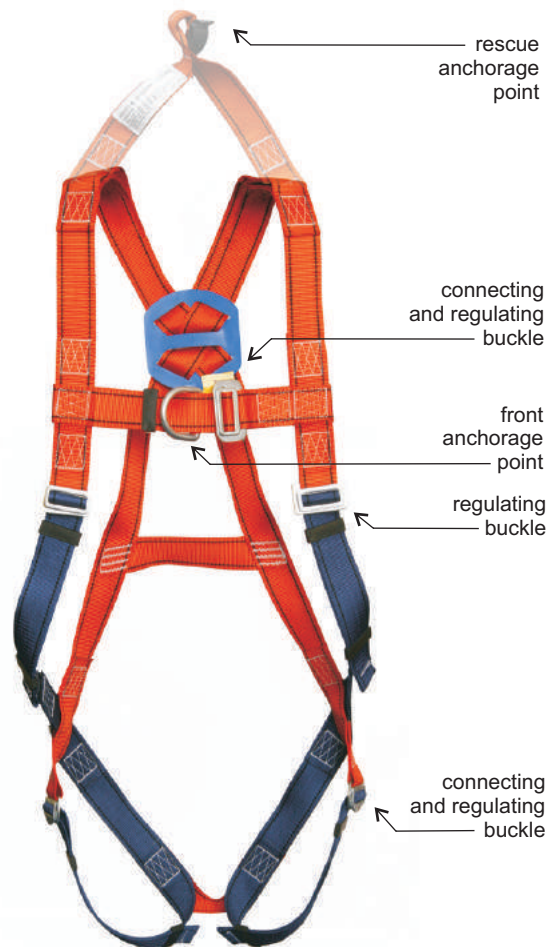
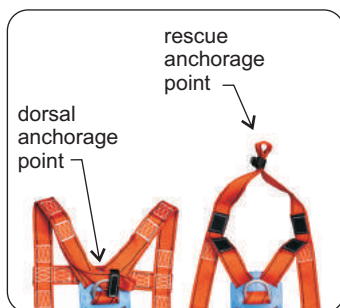
Harness with front and dorsal anchorage point.

Rescue anchorage point

Size: M-XL - 1460g

XXL - 1600g

Separate regulation for legs and shoulders straps.



# Steel snap hooks



## AZ 011 SCREW SNAP HØØK

EN 362

Ref.: AZ 011  
Weight: 180 g  
Dimensions: 108 x 60 mm  
ZINC PLATED STEEL

OPENING Ø18mm



## AZ 011T "TWIST LØCK"

EN 362

Ref.: AZ 011T

OPENING Ø18mm



## AZ 017 SCREW SNAP HØØK

EN 362

Ref.: AZ 017  
Weight: 200 g  
Dimensions: 113 x 71 mm  
ZINC PLATED STEEL

OPENING Ø25mm



## AZ 017T "TWIST LØCK"

EN 362

Ref.: AZ 017T

OPENING Ø25mm



## AZ 018 SCREW SNAP HØØK

EN 362

Ref.: AZ 018  
Weight: 220 g  
Dimensions: 125 x 80 mm  
ZINC PLATED STEEL

OPENING Ø27mm



## AZ 018T "TWIST LØCK"

EN 362

Ref.: AZ 018T

OPENING Ø27mm

# Alu snap hooks



OPENING Ø18mm

## AZ 012 SCREW SNAP HØØK

EN 362

Ref.: AZ 012

Weight: 80 g  
Dimensions: 111 x 64 mm  
LIGHT ALLOY



OPENING Ø18mm

## AZ 012T "TWIST LØCK"

EN 362

Ref.: AZ 012T

Weight: 90 g  
Dimensions: 111 x 64 mm  
LIGHT ALLOY



OPENING Ø24mm

## AZ 014 SCREW SNAP HØØK

EN 362

Ref.: AZ 014

Weight: 80 g  
Dimensions: 115 x 74 mm  
LIGHT ALLOY



OPENING Ø24mm

## AZ 014T "TWIST LØCK"

EN 362

Ref.: AZ 014T

Weight: 80 g  
Dimensions: 115 x 74 mm  
LIGHT ALLOY



OPENING Ø45mm

## AZ 111 "TWIST LØCK"

EN 362

Ref.: AZ 111

Weight: 220 g  
Dimensions: 196 x 111 mm  
LIGHT ALLOY



OPENING Ø45mm

## AZ 111B "TWIST LØCK"

EN 362

Ref.: AZ 111B

# Snap hooks

## AZ 023

DØUBLE FINGER LØCKING TYPE SNAP HØØK

EN 362



Ref.: AZ 023

Weight: 460 g  
Dimensions: 240 x 130 mm  
LIGHT ALLOY



OPENING Ø60mm

## AZ 024

DØUBLE FINGER LØCKING TYPE SNAP HØØK

EN 362



Ref.: AZ 024

Weight: 900 g  
Dimensions: 360 x 190 mm  
LIGHT ALLOY



OPENING Ø100mm

## AZ 014DT

"TWIST LØCK"

NEW!

EN 362



Ref.: AZ 014DT

Weight: 80 g  
Dimensions: 115 x 74 mm  
LIGHT ALLOY



OPENING Ø22mm

## AZ 022

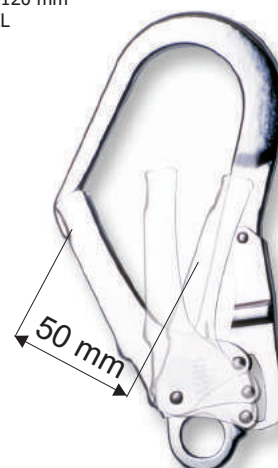
DØUBLE FINGER LØCKING TYPE SNAP HØØK

EN 362



Ref.: AZ 022

Weight: 500 g  
Dimensions: 220 x 120 mm  
ZINC PLATED STEEL



OPENING Ø50mm



# Snap hooks

## AZ 025

DØUBLE FINGER LØCKING TYPE SNAP HØØK

EN 362



Ref.: AZ 025

Weight: 820 g  
Dimensions: 330 x 155 mm  
Opening: 83 mm  
ZINC PLATED STEEL



OPENING Ø83mm

## AZ 125

DØUBLE FINGER LØCKING TYPE SNAP HØØK

EN 362



Ref.: AZ 125

Weight: 460 g  
Dimensions: 340 x 160 mm  
Opening: 90 mm  
LIGHT ALLOY



OPENING Ø90mm

## AZ 122

DØUBLE FINGER LØCKING TYPE SNAP HØØK

EN 362



Ref.: AZ 122

Weight: 350 g  
Dimensions: 260 x 140 mm  
LIGHT ALLOY



OPENING Ø65mm

## AZ 019T

"TWIST LØCK"

**NEW!**

EN 362



Ref.: AZ 019T

Weight: 80 g  
Dimensions: 119 x 75 mm  
LIGHT ALLOY



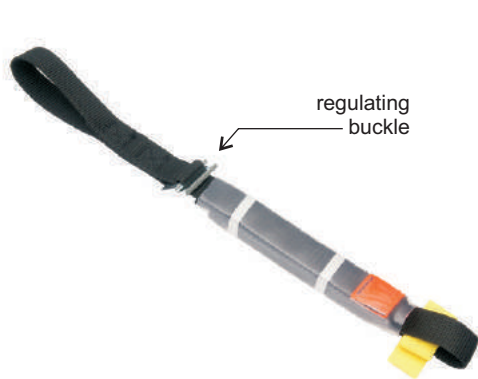
OPENING Ø27mm

# Trauma straps

## AY 201 trauma strap

Ref.: AY 201

Working length: 120 cm



## AY 202 trauma strap

Ref.: AY 202

Working length: 105 cm



# Tool boxes

## AX-310

Toolbox 16"

---

### Ref. AX 310

Dimensions: 410 x 210 mm x 190 mm  
colour: black

## AX-311

Toolbox 20"

---

### Ref. AX 311

Dimensions: 510 x 260 mm x 230 mm  
colour: black

## AX-312

Toolbox 26"

---

### Ref. AX 312

Dimensions: 580 x 290 mm x 280 mm  
colour: black



## AX-321

Case basic

---

### Ref. AX 321

Dimensions: 310 x 410 mm x 120 mm  
colour: grey

## AX-322

Case basic

---

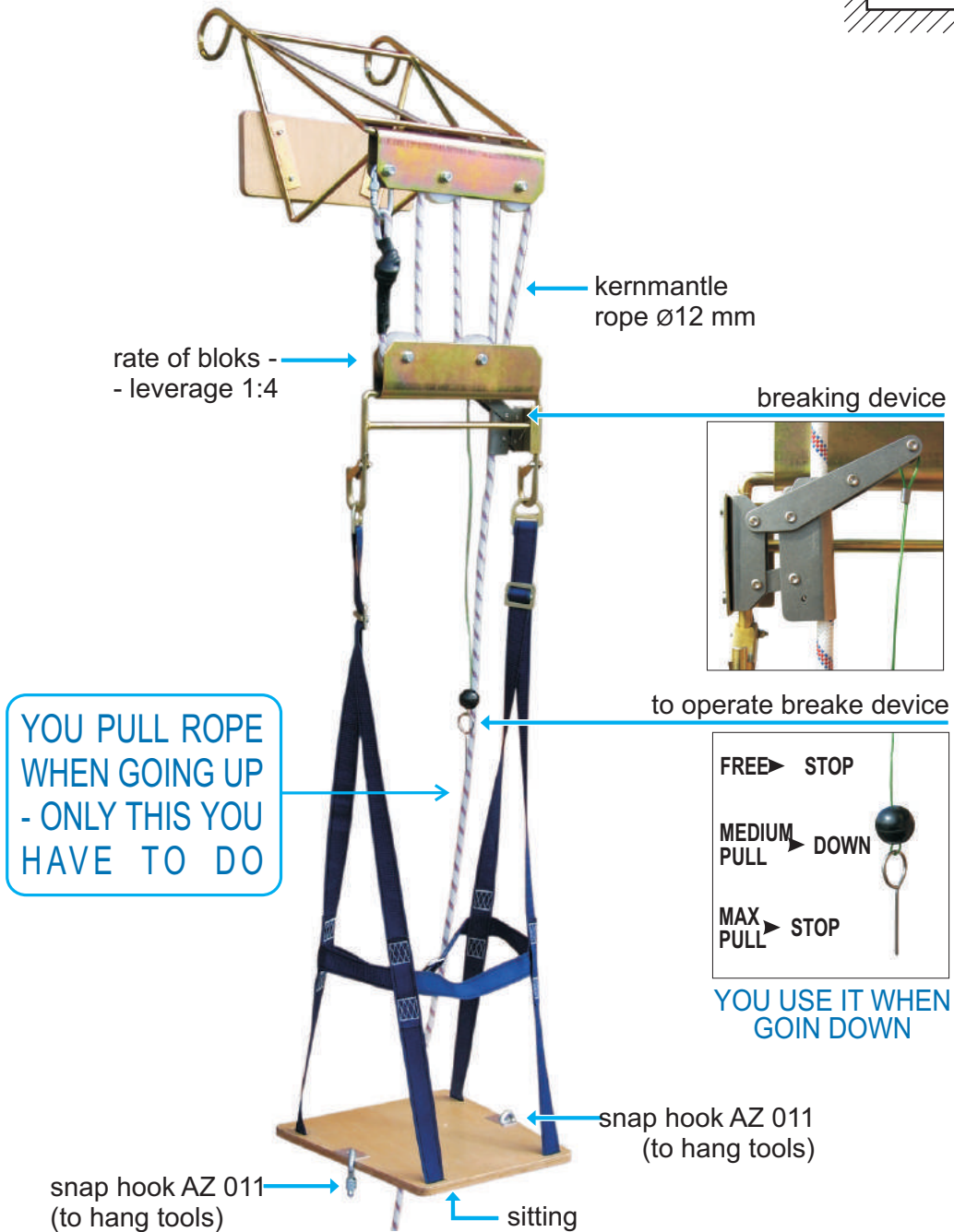
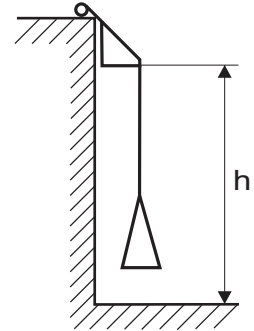
### Ref. AX 322

Dimensions: 310 x 410 mm x 180 mm  
colour: grey

# Benches

## BA BENCH

- Ref.: BA 010 - high range of working (h) = 10 m
- Ref.: BA 020 - high range of working (h) = 20 m
- Ref.: BA 030 - high range of working (h) = 30 m
- Ref.: BA 040 - high range of working (h) = 40 m



### ATTENTION

YOU HAVE TO USE FALL PROTECTION WHEN SITTING !

## **BA 100** BENCH

---

Ref.: BA 100  
Seat dimensions:  
530 x 190 mm



## **BA 200** BENCH

---

Ref.: BA 200  
Seat dimensions:  
530 x 270 mm



## **BA 300** BENCH

---

Ref.: BA 300  
Seat dimensions:  
450 x 370 mm



# Connectors

## AZ 200

pipe anchor

EN 362



Ref.: AZ 200 01 - length 346 mm; clearance 81 mm

Ref.: AZ 200 02 - length 373 mm; clearance 112 mm

Ref.: AZ 200 03 - length 415 mm; clearance 140 mm



## AZ 410

connecting lanyard

EN 354 EN 795



Ref.: AZ 410 - length 1m

- steel cable

- steel cable with AZ 011

Ref.: AZ 410 - length 2m

- steel cable

- steel cable with AZ 011



## AZ 700

webbing sling

EN 795 class B



Ref.: AZ 700

Polyamide/polyester webbing 45 mm.

A syntetic rubber band is sewn on the webbing.

Static strength: 30kN

**AZ 700 can be used to simultaneously protect the 3 persons with AE 320.**



Ref.: AZ 700 - length 0,9 m

Ref.: AZ 700 - length 1,4 m

Ref.: AZ 700 - length 2,0 m

## AZ 430

connecting lanyard

EN 795



Ref.: AZ 430

- steel cable with AZ 011

Ref.: AZ 430 - length 3 m

Ref.: AZ 430 - length 5 m


Ref.: AZ 430 - length 8 m

Ref.: AZ 430 - length 10 m



# Connectors

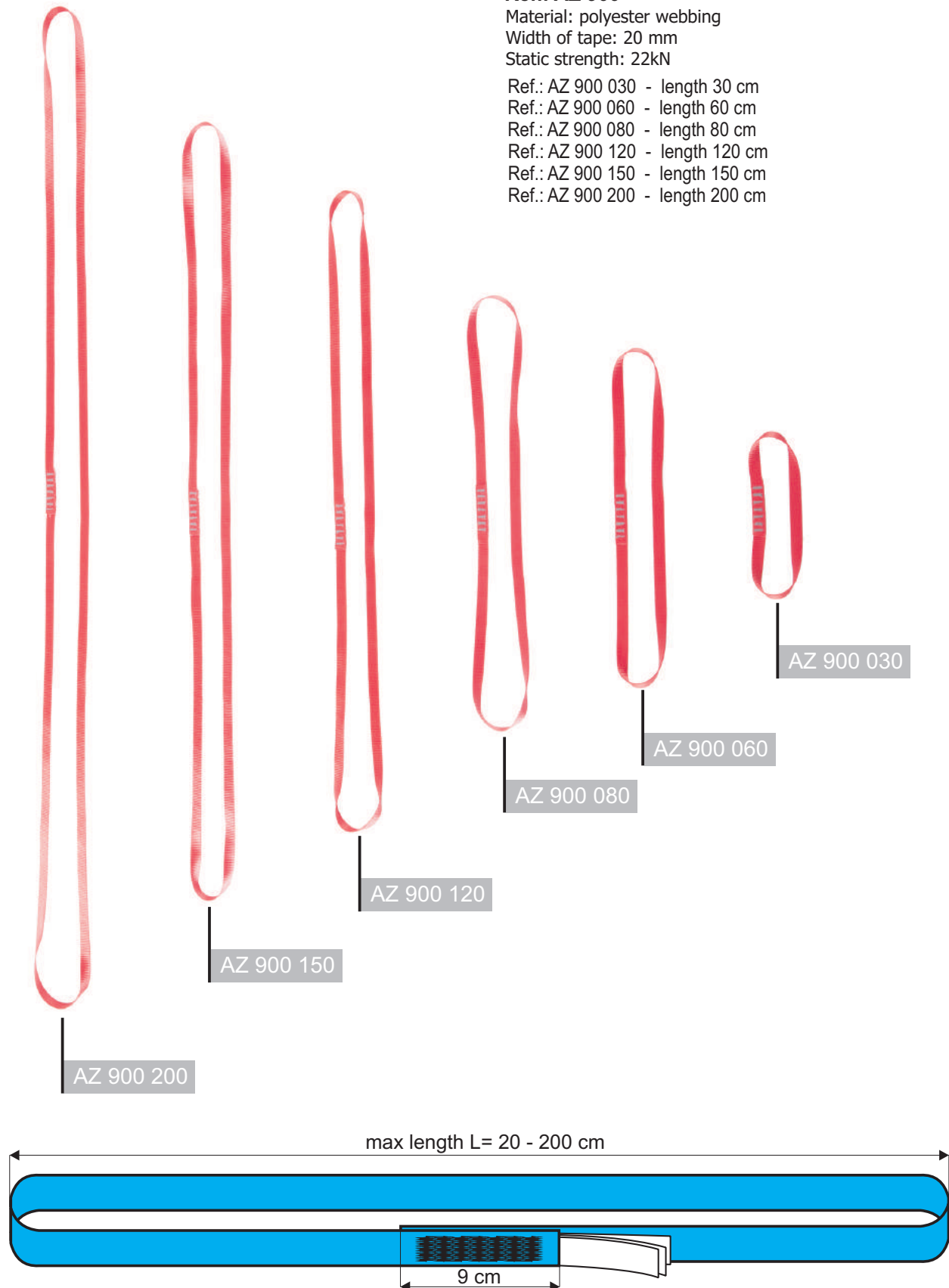
## AZ 900 webbing sling

EN 354, EN 566, EN 795 class B 

### Ref.: AZ 900

Material: polyester webbing  
Width of tape: 20 mm  
Static strength: 22kN

- Ref.: AZ 900 030 - length 30 cm
- Ref.: AZ 900 060 - length 60 cm
- Ref.: AZ 900 080 - length 80 cm
- Ref.: AZ 900 120 - length 120 cm
- Ref.: AZ 900 150 - length 150 cm
- Ref.: AZ 900 200 - length 200 cm



# Connectors

## AZ 900

**NEW!**

webbing sling with a protective sleeve

EN 354, EN 566, EN 795 type B



### Ref.: AZ 900

Material: polyester webbing / polyamide protective sleeve

Width of tape: 20 mm

Static strength: 22kN

Ref.: AZ 900 030 - length 30 cm

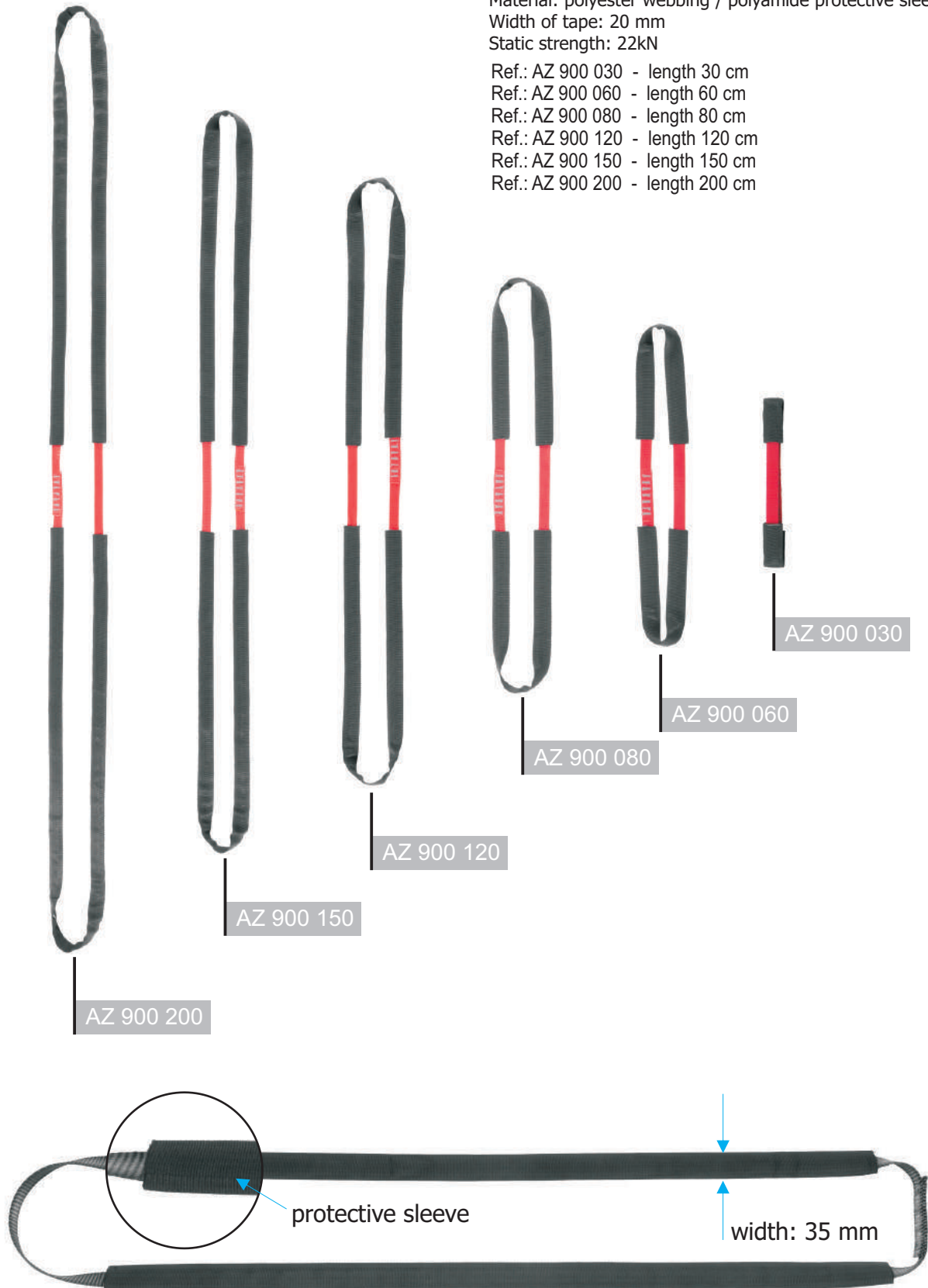
Ref.: AZ 900 060 - length 60 cm

Ref.: AZ 900 080 - length 80 cm

Ref.: AZ 900 120 - length 120 cm

Ref.: AZ 900 150 - length 150 cm

Ref.: AZ 900 200 - length 200 cm





# Connectors

## AZ 910 webbing sling

**NEW!**

EN 354, EN 566, EN 795 type B



### Ref.: AZ 910

Material: polyester webbing

Width of tape: 20 mm

Static strength: 22kN

Ref.: AZ 910 030 - length 30 cm

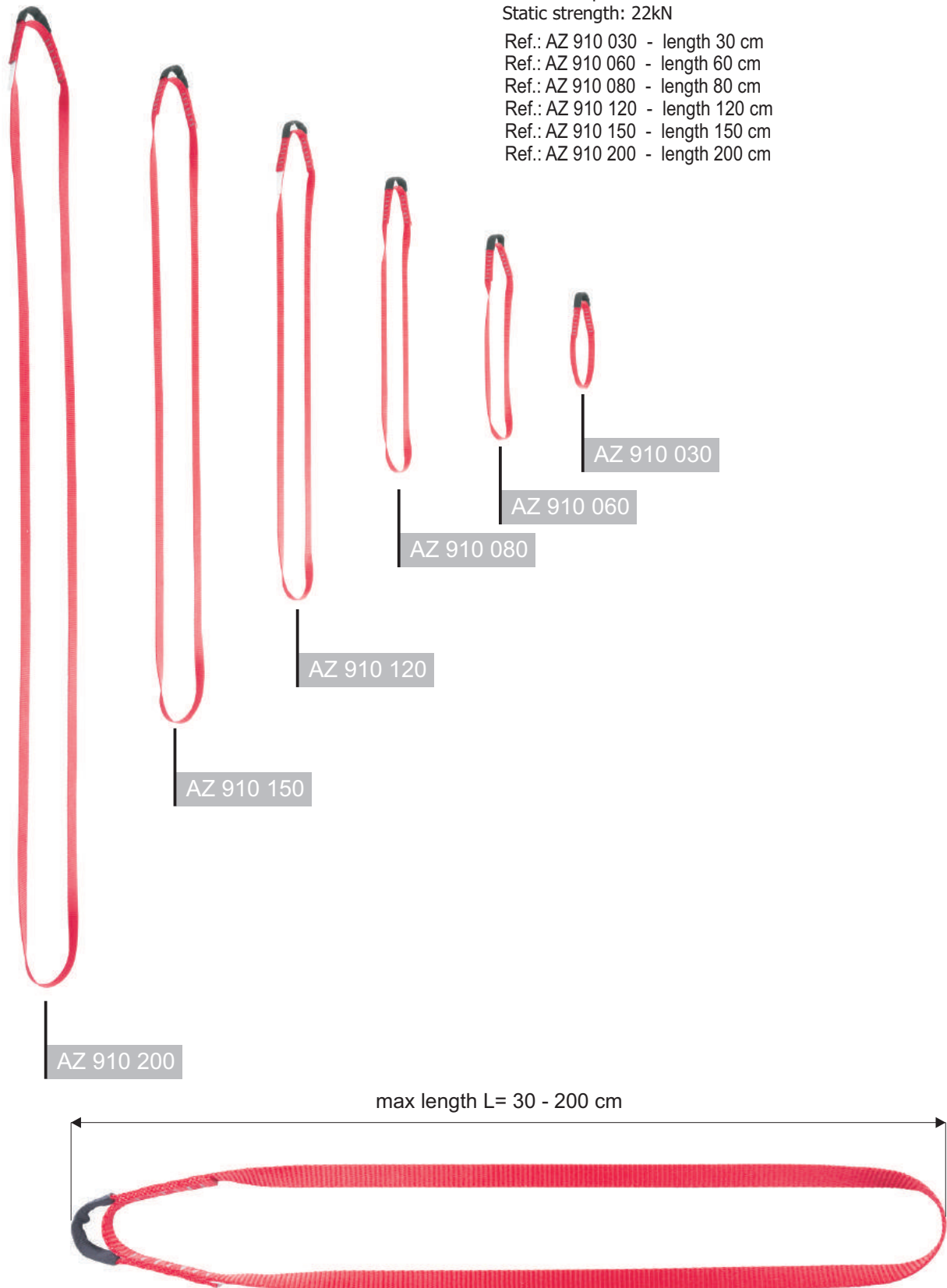
Ref.: AZ 910 060 - length 60 cm

Ref.: AZ 910 080 - length 80 cm

Ref.: AZ 910 120 - length 120 cm

Ref.: AZ 910 150 - length 150 cm

Ref.: AZ 910 200 - length 200 cm



# Connectors

## AZ 920 webbing sling

**NEW!**

EN 354 EN 566



### Ref.: AZ 920

Material: polyamide webbing

Width of tape: 20 mm

Static strength: 22kN

Ref.: AZ 920 015 - length 20 cm

Ref.: AZ 920 030 - length 30 cm

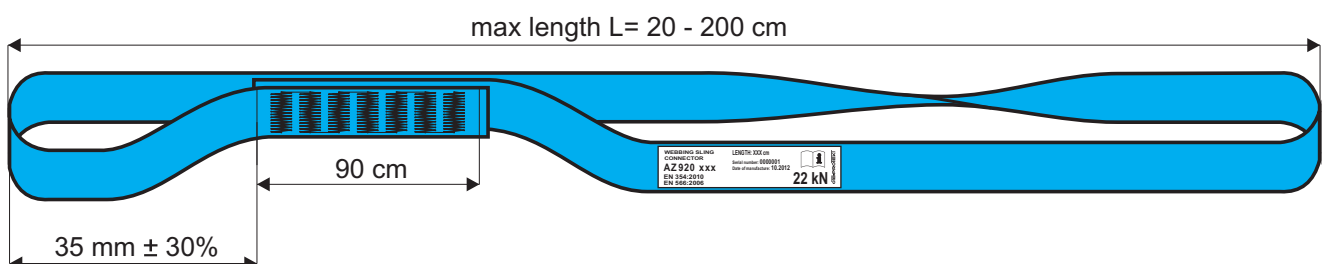
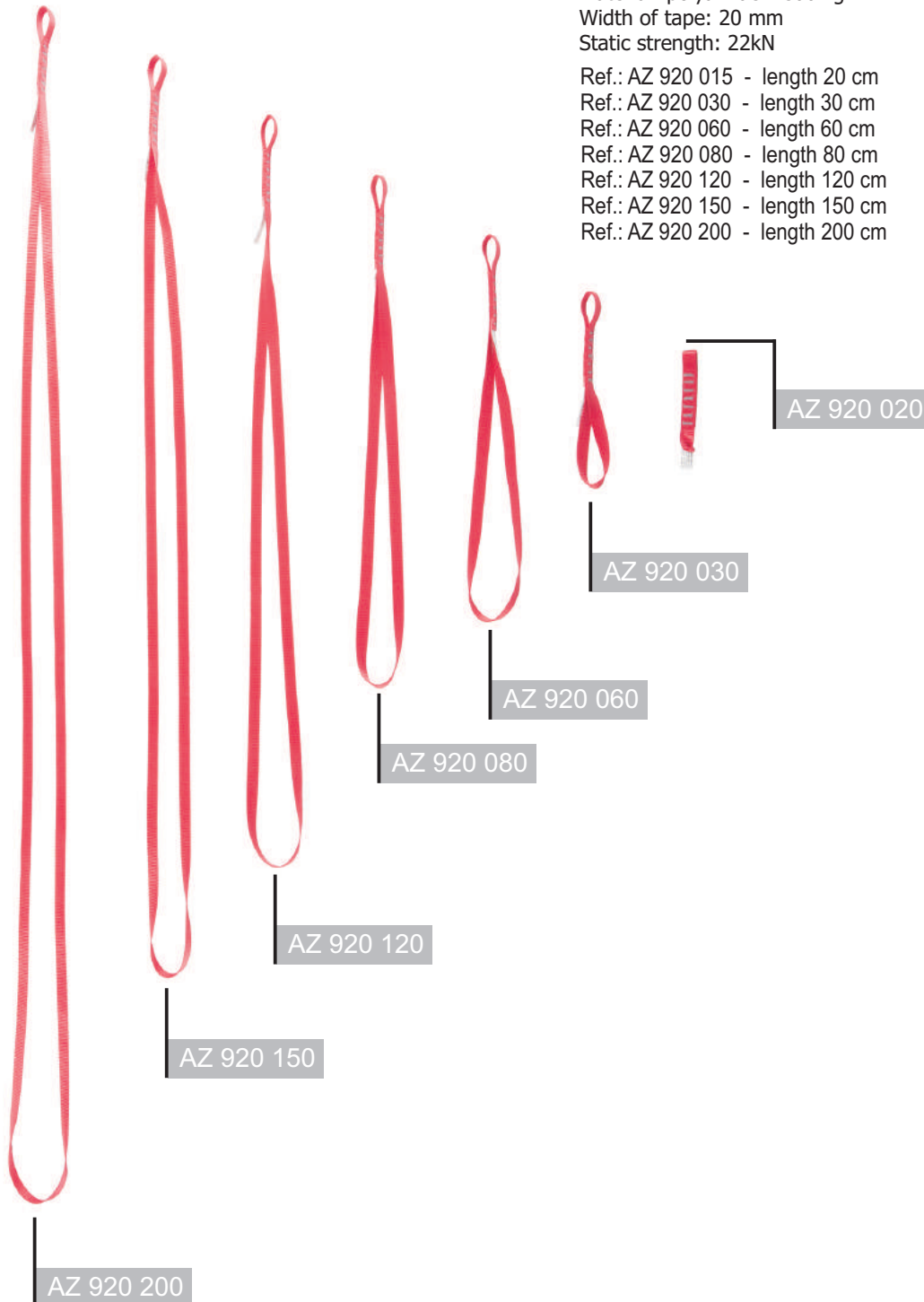
Ref.: AZ 920 060 - length 60 cm

Ref.: AZ 920 080 - length 80 cm

Ref.: AZ 920 120 - length 120 cm

Ref.: AZ 920 150 - length 150 cm

Ref.: AZ 920 200 - length 200 cm



# Connectors

## AZ 930 webbing sling

**NEW!**

EN 354 EN 566, EN 795 type B



### Ref.: AZ 930

Material: polyamide webbing

Width of tape: 20 mm

Static strength: 22kN

Ref.: AZ 930 015 - length 20 cm

Ref.: AZ 930 030 - length 30 cm

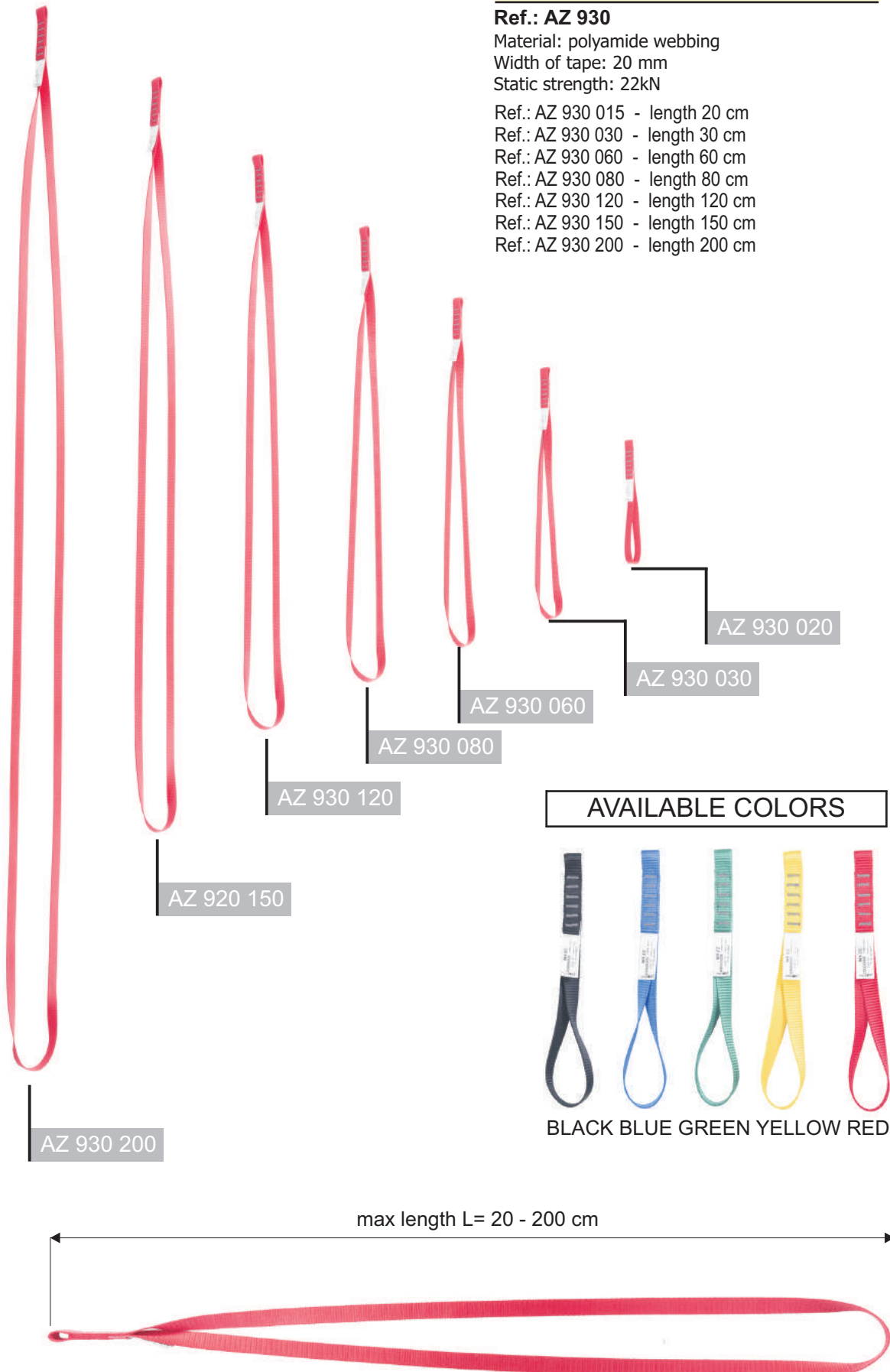
Ref.: AZ 930 060 - length 60 cm

Ref.: AZ 930 080 - length 80 cm

Ref.: AZ 930 120 - length 120 cm

Ref.: AZ 930 150 - length 150 cm

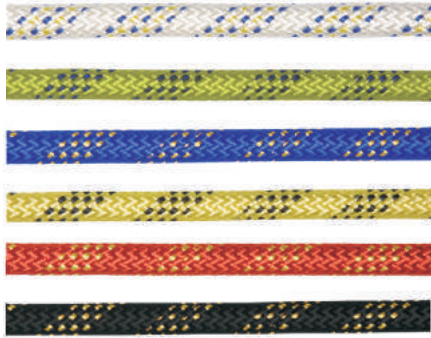
Ref.: AZ 930 200 - length 200 cm



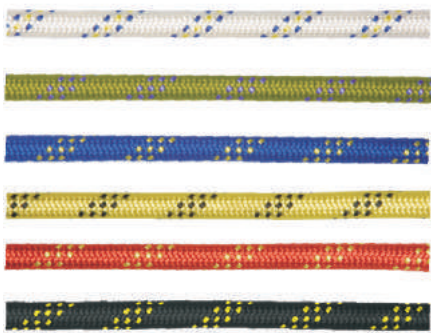
## Kernmantle static rope

Poliester 100% termofixed

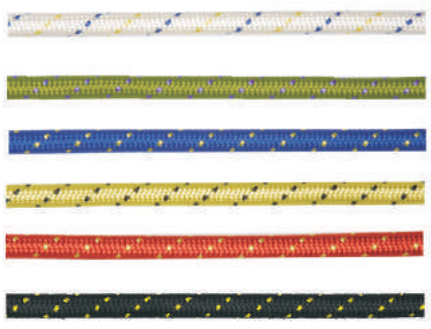
Ref.: LL 140 - Ø 14 mm



Ref.: LL 120 - Ø 12 mm



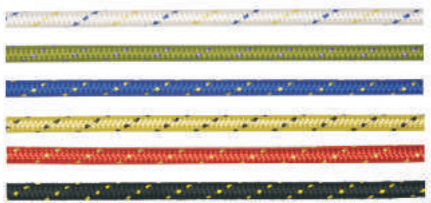
Ref.: LL 110 - Ø 10,5 mm



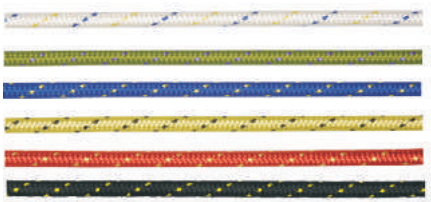
### Quantity on bobbin:

- Ø 14,0mm - 125m
- Ø 12,0mm - 160m
- Ø 10,5mm - 200m
- Ø 8,0mm - 320m

Ref.: LL 080 - Ø 8 mm



Ref.: LL 060 - Ø 6 mm



# Baskets/Back Packs

## Basket

### TA 501 10

Dimensions: Ø240x280mm

Material: Cotton canvas colour: black, white **Ref. TA 501 10**

### TA 501 20

Dimensions: Ø240x280 mm

Material: PVC colour: black, others **Ref. TA 501 20**

### TA 501 30

Dimensions: Ø240x280 mm

Material: textile type cordura  
colour: black, others

**Ref. TA 501 30**



## Basket

### TA 502 10

Dimensions: Ø300x400mm

Material: Cotton canvas colour: black, white **Ref. TA 502 10**

### TA 502 20

Dimensions: Ø300x400mm

Material: PVC colour: black, others **Ref. TA 502 20**

### TA 502 30

Dimensions: Ø300x400 mm

Material: textile type cordura  
colour: black, others

**Ref. TA 502 30**

## TA 601 BACK PACK

**Ref.: TA 601**

Dimensions: 400x290x140 mm



## TA 701 BACK PACK

**Ref.: TA 701**

Dimensions: 500x350x200 mm



# Ladders

## DL 010 **NEW**

### WIDE RØPE LADDER

PN-83/W-52501-PØINT 8



Ref. DL 010

#### DL 010 WIDE ROPE LADDER

##### Material:

steps - aluminium  
rope - polyester 8 mm

##### Weight:

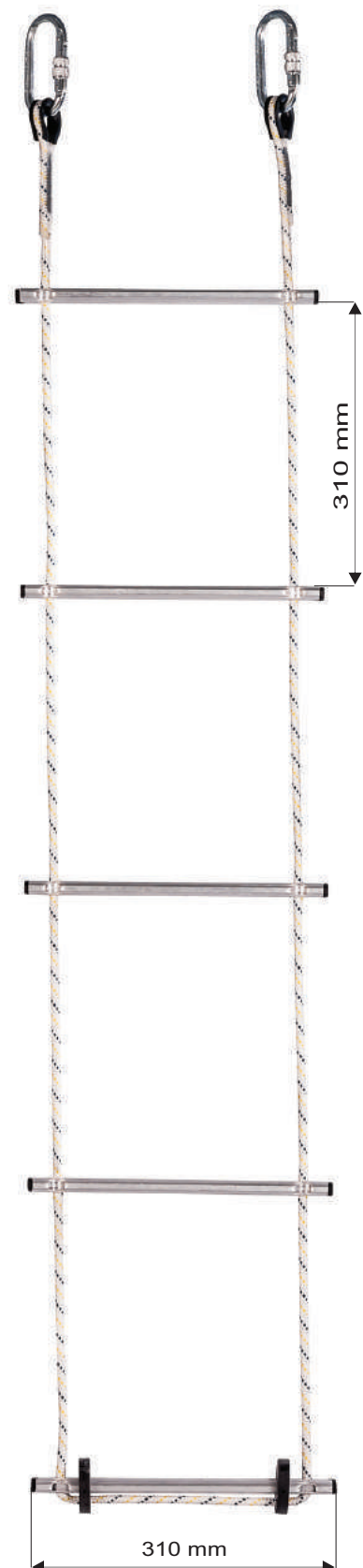
0,55 kg - 1 m.b.

##### Dimensions:

width - 310 mm  
distance between steps - 310 mm

##### Length:

DL 010 05 - rope 5 m  
DL 010 10 - rope 10 m  
DL 010 15 - rope 15 m  
DL 010 20 - rope 20 m  
DL 010 25 - rope 25 m  
DL 010 30 - rope 30 m



## DL 010C **NEW**

### WIDE RØPE LADDER

PN-83/W-52501-PØINT 8



Ref. DL 010C

#### DL 010C WIDE ROPE LADDER

**Material:**

steps - aluminium  
rope - polyester 8 mm

**Weight:**

0,55 kg - 1 m.b.

**Dimensions:**

width - 310 mm  
distance between steps - 310 mm

**Length:**

DL 010C 05 - rope 5 m  
DL 010C 10 - rope 10 m  
DL 010C 15 - rope 15 m  
DL 010C 20 - rope 20 m  
DL 010C 25 - rope 25 m  
DL 010C 30 - rope 30 m



## DL 011 **NEW**

### NARROW ROPE LADDER

PN-83/W-52501-PØINT 8



Ref. DL 011

#### DL 011 NARROW ROPE LADDER

**Material:**

steps - aluminium  
rope - galvanized steel 4 mm

**Weight:**

0,3 kg - 1 m.b.

**Dimensions:**

width - 210 mm  
distance between steps - 310 mm

**Length:**

DL 011 05 - rope 5 m  
DL 011 10 - rope 10 m  
DL 011 15 - rope 15 m  
DL 011 20 - rope 20 m  
DL 011 25 - rope 25 m  
DL 011 30 - rope 30 m





## DL 012 **NEW**

### WIDE RØPE LADDER

PN-83/W-52501-PØINT 8



Ref. DL 012

#### DL 012 WIDE ROPE LADDER

**Material:**

steps - aluminium  
rope - galvanized steel 4 mm

**Weight:**

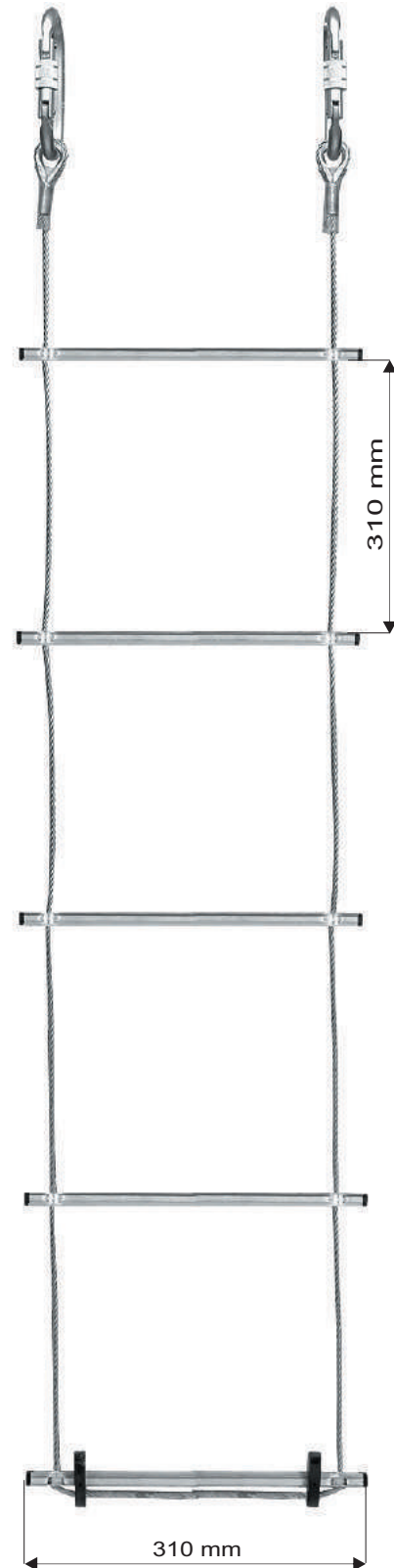
0,58 kg - 1 m.b.

**Dimensions:**

width - 310 mm  
distance between steps - 310 mm

**Length:**

DL 012 05 - rope 5 m  
DL 012 10 - rope 10 m  
DL 012 15 - rope 15 m  
DL 012 20 - rope 20 m  
DL 012 25 - rope 25 m  
DL 012 30 - rope 30 m



## DL 013 **NEW**

### NARROW ROPE LADDER

PN-83/W-52501-PØINT 8



Ref. DL 013

#### DL 013 NARROW ROPE LADDER

**Material:**

steps - aluminium  
rope - polyester 8 mm

**Weight:**

0,35 kg - 1 m.b.

**Dimensions:**

width - 210 mm  
distance between steps - 310 mm

**Length:**

DL 013 05 - rope 5 m  
DL 013 10 - rope 10 m  
DL 013 15 - rope 15 m  
DL 013 20 - rope 20 m  
DL 013 25 - rope 25 m  
DL 013 30 - rope 30 m



## DL 013C **NEW**

### NARRØW RØPE LADDER

PN-83/W-52501-PØINT 8



Ref. DL 013C

#### DL 013C NARROW ROPE LADDER

**Material:**

steps - aluminium  
rope - polyester 8 mm

**Weight:**

0,3 kg - 1 m.b.

**Dimensions:**

width - 210 mm  
distance between steps - 310 mm

**Length:**

DL 013C 05 - rope 5 m  
DL 013C 10 - rope 10 m  
DL 013C 15 - rope 15 m  
DL 013C 20 - rope 20 m  
DL 013C 25 - rope 25 m  
DL 013C 30 - rope 30 m



## DL 014, DL 015 RØØF LADDER **NEW**

PN-83/W-52501-PØINT 8



Ref. DL 014, DL 015

### DL 014 ROOF LADDER WITH STEEL ROPE

**Material:**

steps - aluminium  
rope - galvanized steel 4 mm  
mounting - galvanized steel  
rubber - EPDM

**Weight:**

2,5 kg - 1 m.b.

**Dimensions:**

width - 310 mm  
distance between steps - 310 mm

**Length:**

DL 014 03 - rope 3 m  
DL 014 05 - rope 5 m

### DL 015 ROOF LADDER WITH POLYESTER ROPE

**Material:**

steps - aluminium  
rope - polyester 8 mm  
mounting - galvanized steel  
rubber - EPDM

**Weight:**

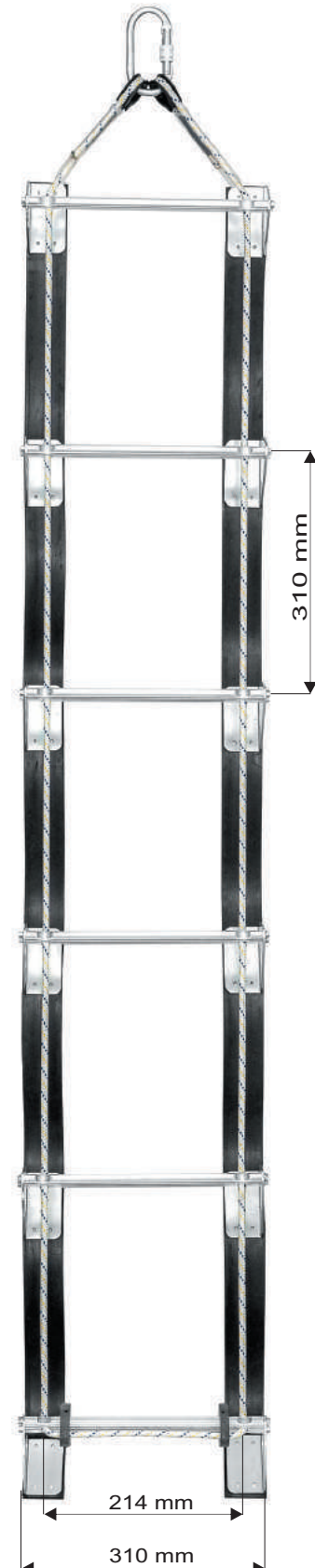
2,5 kg - 1 m.b.

**Dimensions:**

width - 310 mm  
distance between steps - 310 mm

**Length:**

DL 015 03 - rope 3 m  
DL 015 05 - rope 5 m



# Protective helmets

## CUPPIE 1 Industrial Bump Cap

EN 812



Ref. HA 131



Colors available



## CUPPIE 2 Industrial Bump Cap

EN 812



Ref. HA 132



Colors available

orange  
yellow green  
red  
green  
combo blue  
black  
grey  
blue  
white



## EVO-LITE High Protective helmet

EN 397



Ref. HA 005

**THE LIGHTEST PROTECTIVE HELMET  
AVAILABLE ON THE MARKET**

At only 300g, EvoLite is extremely light, i.e. approx. 20% less than standard helmets.

Low weight, combined with a very comfortable suspension strap and unique three-point adjustable depth of the suspension strap provides a perfect fit for any size of the head.

Thanks to its light shell, made from ABS, and the innovative structure, Evo Lite surpasses the requirements of EN397 standard.

Colors available:

orange  
yellow  
red  
green  
combo blue  
white



# Protective helmets

## Montana Protective helmet

EN 397



Ref. HA 008

weight: 490 g

New modern comfortable safety helmet made of Polycarbonate and approved to the European standard EN 397. The Montana safety helmet has a 6-point textile harness with a comfortsweatband and is very comfortable on the head. This helmet is made of Polycarbonate which make it robust and very light.



### Colors available:

orange	
yellow	
red	
combo blue	
white	

## Pole Climber Protective helmet for construction and Industry

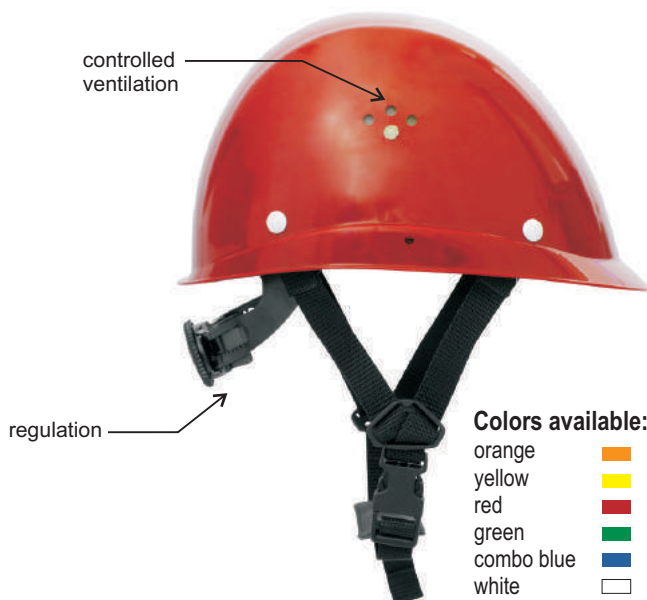
EN 397 / EN 124925.7



Ref. HA 009

weight: 475 g

- manufactured from polyethylene
- innovation in modern form, shell drawn slightly down at the neck
- light weight protective/safety helmet
- excellent shock absorbing
- high penetration resistance
- lateral slots for ear protectors
- shell can be worn on both sides (with or without a short peak)
- divided chin strap attached to the shell
- adjustable, effective ventilation
- with robust, comfortable 6-point webbed harness and highly absorbent sweatband
- angled neckband for a perfect fit
- VOSS-lock ratchet to adjust size
- for mast climbers, scaffolders and for working at height (e.g. offshore parks)
- size adjustment from 51 - 64 cm



### Colors available:

orange	
yellow	
red	
green	
combo blue	
white	

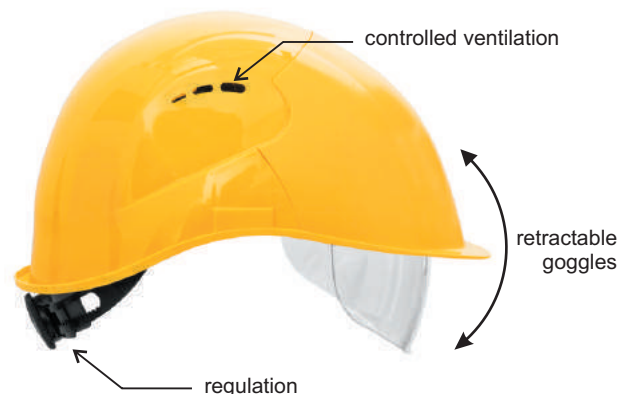
## VisiorLight Protective helmet

EN 166 / EN 397



Ref. HA 010

weight: 475 g



### Colors available:

orange	
yellow	
red	
green	
combo blue	
white	

# Telescopic pole

## DT 200, DT 201, DT 202 TELESCOPIC PØLE

Ref.: DT 200, DT 201, DT 202

Pole can be used with:

- anchor hooks,
- rope installators
- acoustic sensors and other compatible with head UDI devices.

A device to instal the cable in hardly accessible locations. Individual parts of the rod are locjed in any position. It cooperates with hook for handing the cable, acoustic detectors and other devices which collaborate with the UDI head.

### TECHNICAL DATAS DT 200:

Working reach: 8,88 m  
Weight: 4,17 kg  
Max. length: 7,38 m  
Min. length: 1,96 m  
Admissible load of the pole head: 5 kg  
Voltage rating: 30 kV

### TECHNICAL DATAS DT 201:

Working reach: 7,50 m  
Weight: 2,70 kg  
Max. length: 6,00 m  
Min. length: 1,85 m  
Admissible load of the pole head: 5 kg  
Voltage rating: 30 kV

### TECHNICAL DATAS DT 202:

Working reach: 5,78 m  
Weight: 2,38 kg  
Max. length: 4,28 m  
Min. length: 1,80 m  
Admissible load of the pole head: 5 kg  
Voltage rating: 30 kV



**hanging hook**  
Ref.: DT 600  
mounting screw

Ref.: DT 202

Ref.: DT 201

Ref.: DT 200

**head UDI**  
Ref.: DT 800

### rope installer

Ref.: DT 720 01  
Head UDI  
Weight: 1,3 kg  
Material: stainless steel + PCV  
Rope diameter:  $\varnothing$  6-10 mm

### rope installer

Ref.: DT 720 02  
Head UDI  
Weight: 1,1 kg  
Material: stainless steel  
Rope diameter:  $\varnothing$  6-10 mm

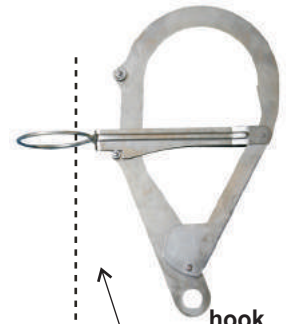
Bag for DT 200, DT 201, DT 202

Ref.: AXDT 200

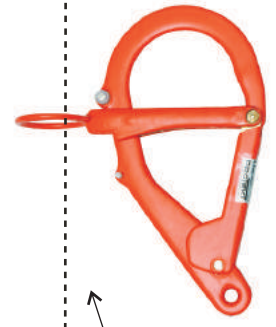
Dimensions: 200 cm (length) x 7 cm (diameter)

extention section

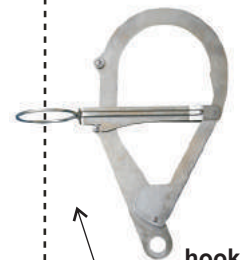
Ref.: DT 900  
head UDI



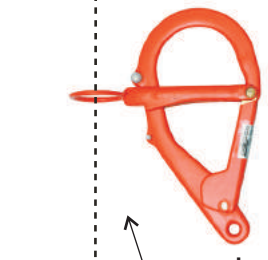
**hook**  
Ref.: DT 651 02  
Weight: 0,90 kg  
Opening 90 mm



**hook**  
Ref.: DT 651 01  
Weight: 1,10 kg  
Opening 90 mm



**hook**  
Ref.: DT 650 02  
Weight: 0,60 kg  
Opening 75 mm



**hook**  
Ref.: DT 650 01  
Weight: 0,75 kg  
Opening 75 mm



**hanging hook**  
Ref.: DT 600  
head UDI

# Furniture and load movers

## WT 101

Furniture and load hydraulic mover **NEW**

Ref.: WT 101

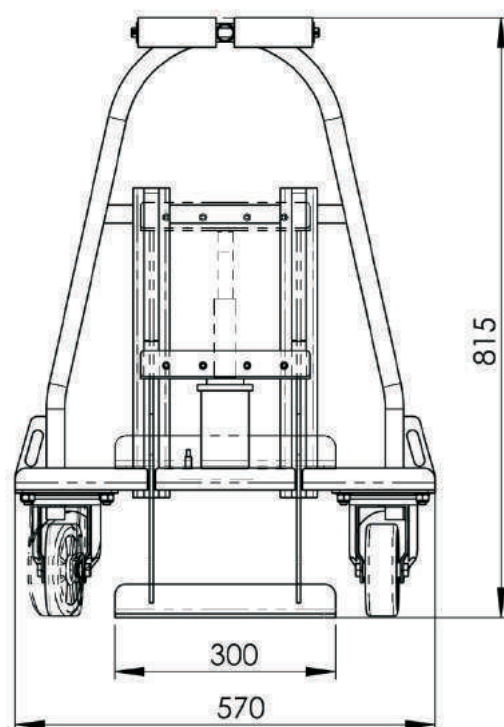
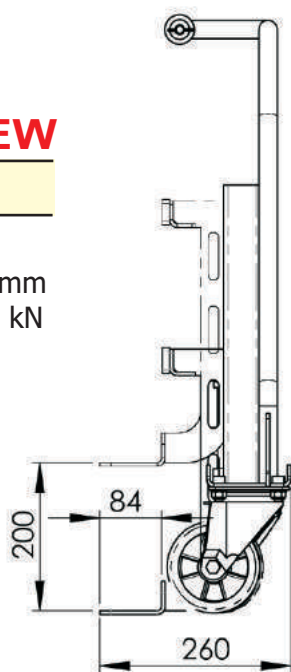
Dimensions: 815 x 570 x 260 mm

Lifting capacity: 1600 kg = 16 kN

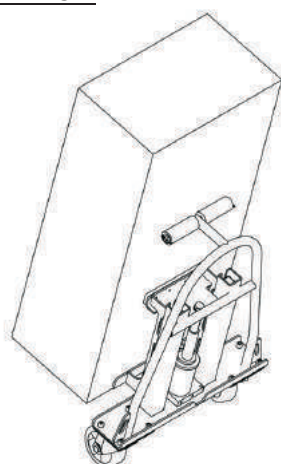
Lifting height: 200 mm

Weight: 20 kg

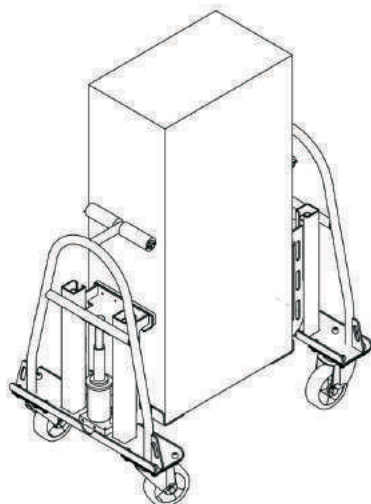
Hydraulic drive



### USE OF THE DEVICE



WT 101 + fastening tape



SET: 2 x WT 101 + fastening tape





# Pulleys

## BP 020

Brake pulley

Ref.: BP 020 - 20m rope

Ref.: BP 030 - 30m rope

Ref.: BP 050 - 50m rope

Dimensions: 190 x 55 x 150mm

Max working load: 100kg

Device weight : 2,2kg

Material: steel, alu

### instance applicable



### AUTO-STOP SYSTEM

3-str. twisted  
polyester rope  
**ø14 mm**

**S320C**  
(norm: DIN 689)  
hook with latch  
galvanized steel + paint  
opening: 26 mm  
weight: 410 g  
Working load: 1000 kg  
Breaking load: 5000 kg



# Anchor devices

## Anchor device

EN 795 class B



Ref.: HL 709 01 - aluminium version

Device weight : 14 kg  
Material: aluminium

Ref.: HL 709 02 - steel version

Device weight : 28 kg  
Material: hot deep galvanized steel

Anchor post  
HL 709



Adapter mounting  
HL 710

## AE 320

safety horizontal webbing

Ref.: AE 320 10 with AZ 060 - max. 10 m

Ref.: AE 320 20 with AZ 060 - max. 20 m

Sewed bag for AE 320 - sewed to connecting webbing

AX 019

Transport bag  
for HL 709

# Pulleys

## TU 400

Pulley with a "pin-lock"

**NEW!**

EN 795:2012 class B, EN 12278:2007

Dimensions: 176 x 96 x 88 mm

Weight: 1,38 kg

MBS: 100 kN

WLL: 20 kN

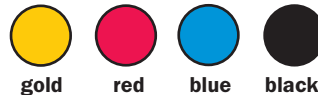
Safety factor: 1:5

Max cable diameter: <18 mm - never use with steel cables or chains.

Sling strength: max. 30 kg



available colors



## TU 401

Bolted pulle

**NEW!**

EN 795:2012 class B, EN 12278:2007

Dimensions: 176 x 96 x 81 mm

Weight: 1,38 kg

MBS: 100 kN

WLL: 20 kN

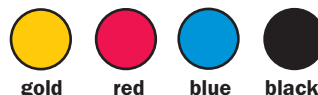
Safety factor: 1:5

Max cable diameter: <18 mm - never use with steel cables or chains.

Sling strength: max. 30 kg



available colors



# Pulleys

## TU 402

Pulley with a "pin-lock"

**NEW!**

EN 795:2012 class B, EN 12278:2007

Dimensions: 176 x 96 x 88 mm

Weight: 1,38 kg

MBS: 100 kN

WLL: 20 kN

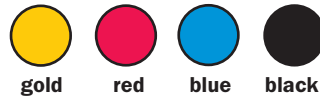
Safety factor: 1:5

Max cable diameter: <18 mm - never use with steel cables or chains.

Sling strength: max. 30 kg



available colors



gold

red

blue

black

## TU 403

Bolted pulle

**NEW!**

EN 795:2012 class B, EN 12278:2007

Dimensions: 176 x 96 x 81 mm

Weight: 1,38 kg

MBS: 100 kN

WLL: 20 kN

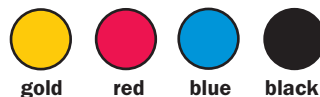
Safety factor: 1:5

Max cable diameter: <18 mm - never use with steel cables or chains.

Sling strength: max. 30 kg



available colors



gold

red

blue

black

# Blocks

## TU 420

Arborist mini block

**NEW!**

Ref.: TU420

Maximum rope diameter: **<13,5 mm**

Do not use with wire ropes and chains.

Dimensions: 80 x 44 x 33 mm

Weight: 105 g

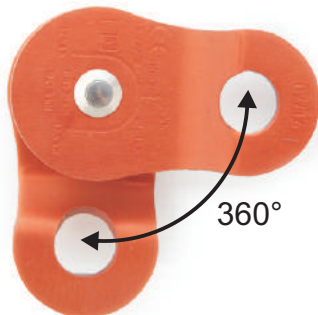
Material: aluminium

Breaking force - MBS: 25kN

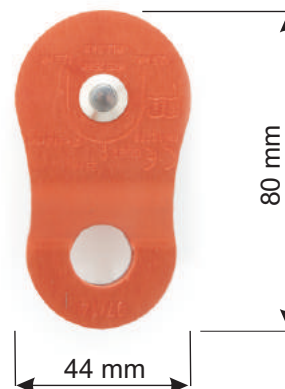
Max. working load - WLL: 5kN

Factor of safety: 1:5

Axial fixing hole diameter:  $\varnothing \geq 16$  mm



**COLOURS:** blue, sand, yellow, black, orange



## TU 421

Triple arborist block

**NEW!**

Ref.: TU421

Maximum rope diameter: **<13,5 mm**

Do not use with wire ropes and chains.

Dimensions: 99 x 78 x 33 mm

Weight: 160 g

Material: aluminium

Breaking force - MBS: 25kN

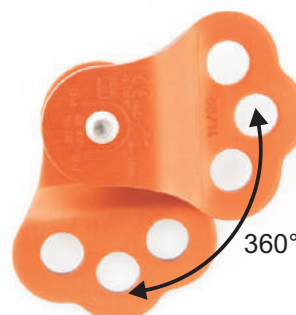
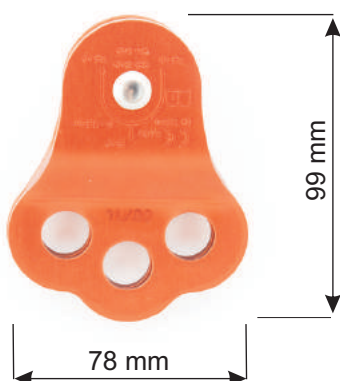
Max. working load - WLL: 5kN

Factor of safety: 1:5

Axial fixing hole diameter:  $\varnothing > 16$  mm



**COLOURS:** blue, sand, yellow, black, orange



## TU 413

Pulley block

**NEW!**

Machinery Directive: 2006/42/EEC;

Ref.: TU413

### **TECHNICAL DATA**

Admissible working rope diameter: 12 mm

Gear ratio of the device: 3:1

WLL (Working Load Limit): 10 kN

MBS (Minimum Breaking Force): 50 kN

SF (Safety Factor): 5:1

Weight of set (without working rope): 2,47 kg

### **DESCRIPTION**

TU 413 pulley block may be used in arboriculture (sectional tree felling) and lifting loads. Device is designed for lifting and lowering loads. The device is not designed for use as personal fall arresting equipment.

### **DESIGN**

The **TU 413** pulley block set consist of the following elements:

- upper rope block with two wheels
- lower rope block with one wheel
- connector for catching end of the working rope with lower block (sold separately)
- working rope (sold separately)

Both (upper and lower) blocks consist of reinforced with fiberglass plastic wheels with ball bearings, connected with galvanized steel plates. The axles and connectors (bolts, nuts, washers) are made of galvanized steel. Each block is provided with swivel eye made of aluminium alloy. Upper block eye may be additionally rotated relative to the block body.

### **DESIGN**

Ref. number of working rope TU 413 - 300 - L were:

L - working rope length (m.)

The length of working rope required to wind around all wheels of the device is 2.1 m..is automatically added to the ordered working length of the rope.

### **CONNECTOR FOR THE ROPE**

Strength of rope connector must be at least 20 kN.  
For example: Az011



min. 700 mm

Pulleys

Ref.: TU 413 - blocks without a rope

Ref.: TU 413 10 - blocks with rope L=10 m

Ref.: TU 413 20 - blocks with rope L=20 m

Ref.: TU 413 30 - blocks with rope L=30 m

Ref.: TU 413 40 - blocks with rope L=40 m

Ref.: TU 413 50 - blocks with rope L=50 m

# Pulleys

## TU 410 - set

Pulley block

**NEW!**

Dimensions: 250 x 198 mm - TU 411

Dimensions: 198 x 198 mm - TU 412

Weight: 1822 g - TU 411

Weight: 1508 g - TU 412

Gear ratio (of the set): 4:1

Breaking force - MBS: 50 kN

Max. working load - WLL: 10 kN

Rope diameter: 8-12 mm (textile rope only)

Ref.: TU 410

Ref.: TU 411

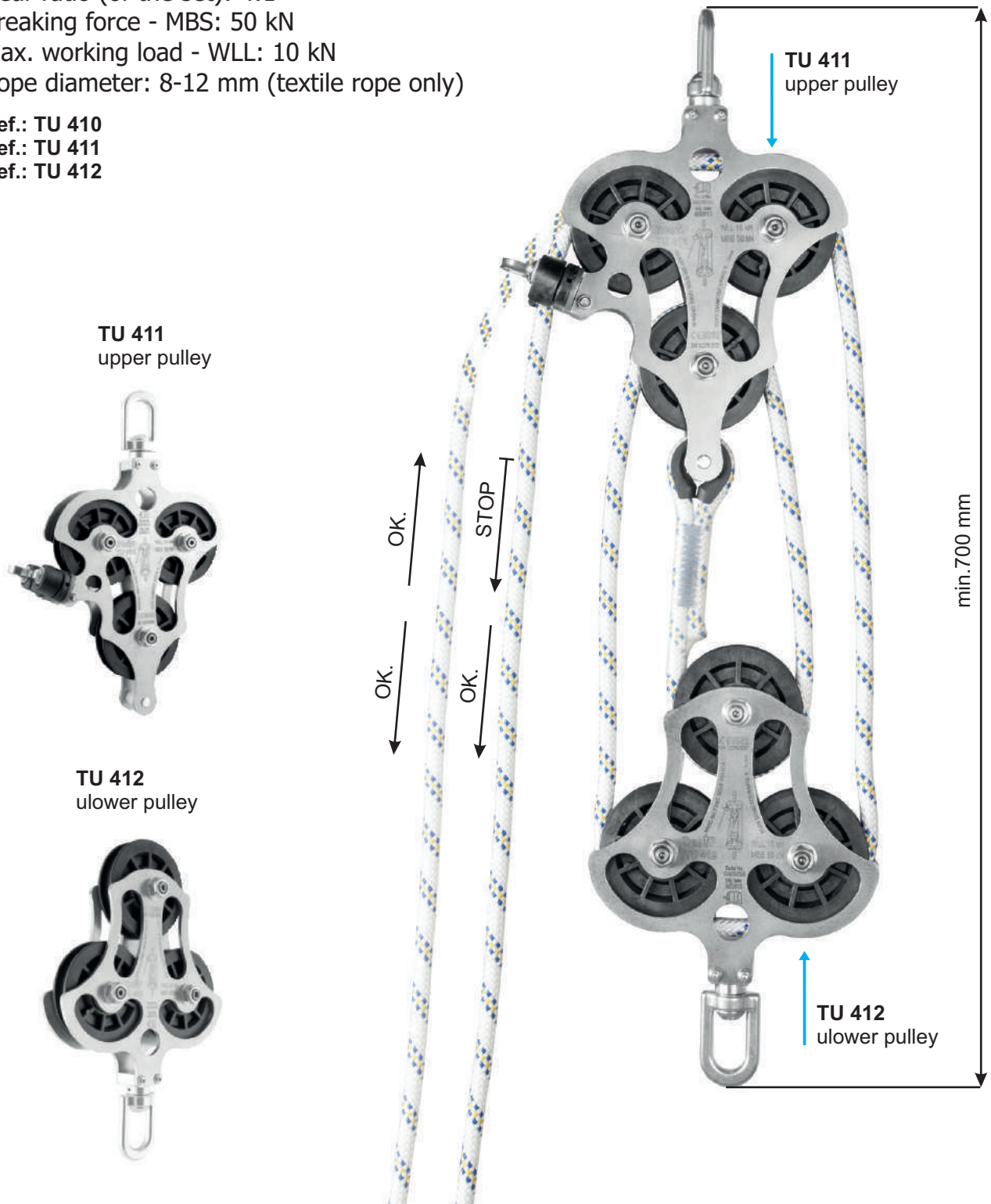
Ref.: TU 412

The TU 410 pulley block is design to lift the material and loads.

It will be mainly used in sectional tree felling. It is used for controlled lowering of the material. By correct weaving the rope through the device, branches or parts (sections) of the trunk can be safely lowered. It is an ideal set for use in hardly accessible, confined spaces in the crowns of trees.

Special remark:

Since the gear ratio is 4:1 the ropes ordered should have 4x the length that would normally be ordered for the given use. For instance, there are 15 m of operating rope length in a 60 m long rope.



TU 411  
upper pulley



TU 412  
ulower pulley



# Pulleys

## TU 440

Arborist pulley

**NEW!**

Ref.: TU440

### PARAMETERS

Dimensions: 85 x 40 x 39 mm

MBS: 25 kN

WLL: 25 kN

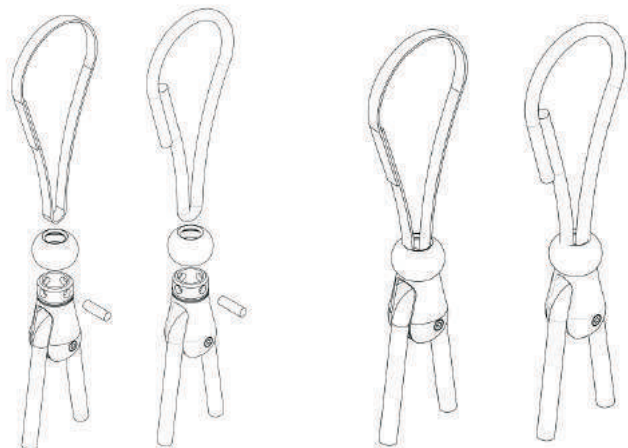
Capacity: 500 kg (5 kN)

Weight: 153 g

Max. diameter of rope:  $\varnothing$  10 mm

Max. width of tape: 21 mm

Material: aluminium, hardened steel



## CONFIGURATIONS AVAILABLE

### TU 701

Ref.: TU 701 080 - length L=80 cm  
Ref.: TU 701 085 - length L=85 cm  
Ref.: TU 701 090 - length L=90 cm  
Ref.: TU 701 010 - length L=100 cm



### TU 810

Ref.: TU 701 080 - length L=80 cm  
Ref.: TU 701 085 - length L=85 cm  
Ref.: TU 701 090 - length L=90 cm  
Ref.: TU 701 010 - length L=100 cm



### TU 811

Ref.: TU 811 080 - length L=80 cm  
Ref.: TU 811 085 - length L=85 cm  
Ref.: TU 811 090 - length L=90 cm  
Ref.: TU 811 010 - length L=100 cm



### AZ 900

Ref.: AZ 900 060 - length L=60 cm  
Ref.: AZ 900 080 - length L=80 cm  
Ref.: AZ 900 120 - length L=120 cm  
Ref.: AZ 900 150 - length L=150 cm





## CD 201, CD 202

Handled ascender

EN 567

Handled ascender:  
right and left handed versions  
Width: 134mm x 90mm x 28mm  
Weight: 220g  
Diameter rope: 8-13mm

Ref.: CD 201



Ref.: CD 202



## CD 211, CD 212

Handled ascender

EN 567

Handled ascender:  
right and left handed versions  
Width: 207mm x 100mm x 28mm  
Weight: 280g  
Diameter rope: 8-13mm

- \* Designed for ascending and occasionally for hauling (progress capture)
- \* Wide, ergonomic molded handle allows a comfortable yet powerful grip
- \* Toothed cam with self-cleaning slot optimizes performance under any conditions (e.g. frozen or dirty ropes)
- \* Upper hole through which a carabiner attaches the device to the rope (useful for back-up belays or hauling)

Ref.: CD 211



Ref.: CD 212



# Pulleys / Descenders

## CD 101

Transport pulley

---

**Ref.: CD 101**

Double pulley for Tyrolean traverses on rope.

Width: 103mm x 90mm x 33mm

Weight: 250g

For use with ropes of maximum diameter 13mm

- \* Aluminum sheaves mounted on self-lubricating bushings for efficiency
- \* Accepts up to three carabiners to facilitate use



## CD 302

Standard descenders

---

**Ref.: CD 302**

Figure 8 descender

Width: 108mm x 80mm x 7mm

Weight: 80g

- \* Square shape to reduce twisting of the ropes and formation of a lark's head knot
- \* Compact and lightweight



## CD 201 ultra light, CD 202 ultra light

Handled ascender

EN 567

Handled ascender:  
right and left handed versions  
Width: 112mm x 95mm x 23mm  
Weight: **135g**  
Diameter rope: 8-13mm

**NEW!**

Ref.: CD 201L



Ref.: CD 202L



## CD 211 ultra light, CD 212 ultra light

Handled ascender

Handled ascender:  
right and left handed versions  
Width: 190mm x 93mm x 24mm  
Weight: **205g**  
Diameter rope: 8-13mm

**NEW!**

- \* Designed for ascending and occasionally for hauling (progress capture)
- \* Wide, ergonomic molded handle allows a comfortable yet powerful grip
- \* Toothed cam with self-cleaning slot optimizes performance under any conditions (e.g. frozen or dirty ropes)
- \* Upper hole through which a carabiner attaches the device to the rope (useful for back-up belays or hauling)

Ref.: CD 211L



Ref.: CD 212L

