

protective equipment against falls from height



PROTEKT®

catalogue / 2017

Safety harness

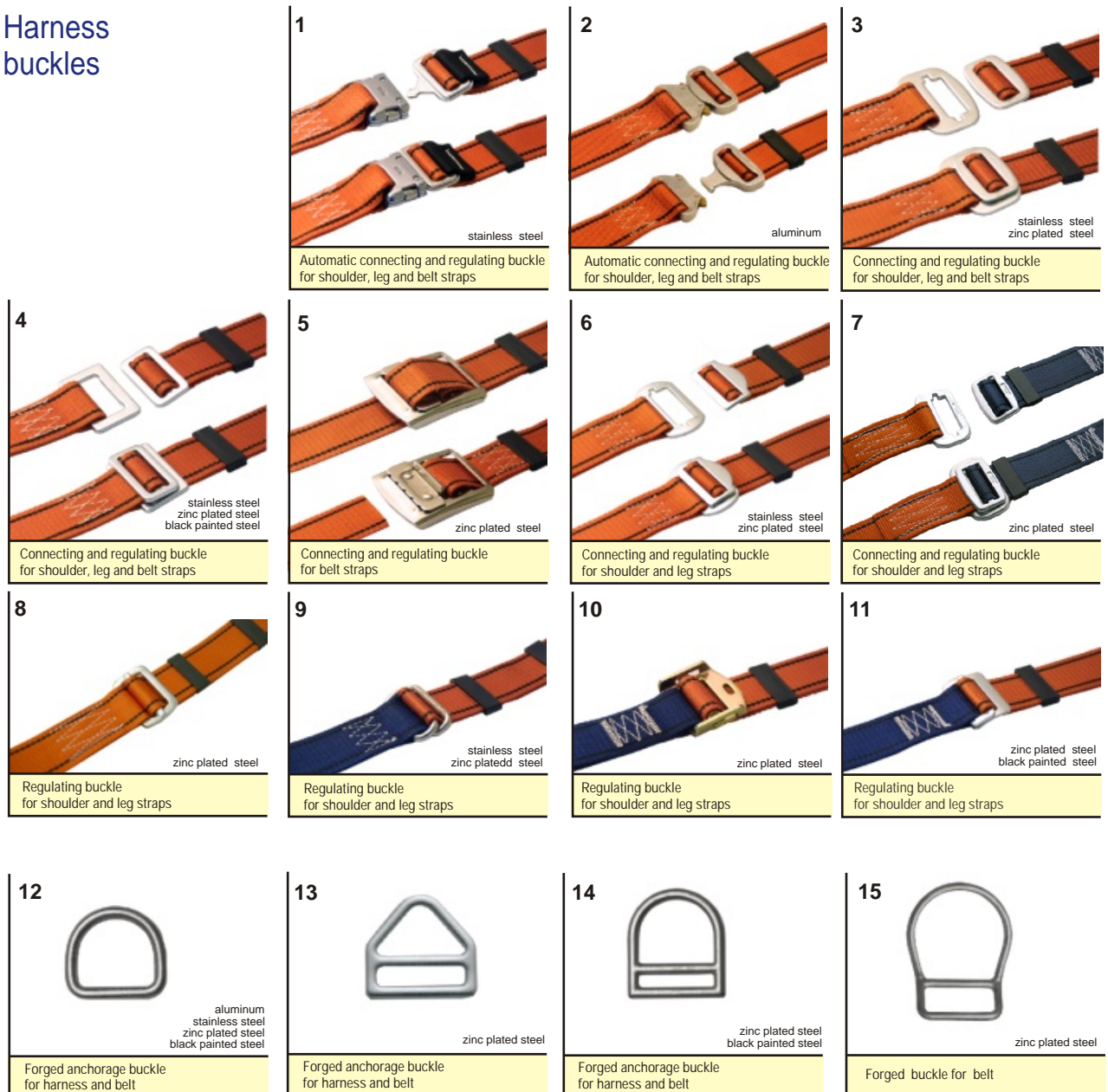
We manufacture harnesses according your own project.

Available
colours
of the harness
webbings

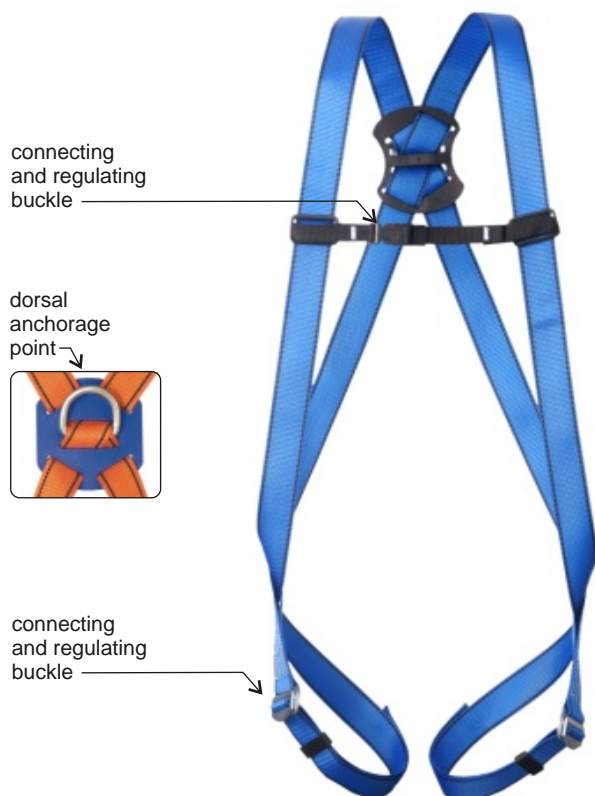


polyamide, 44 mm, others colours on request

Harness
buckles



Safety harness



P-01 SAFETY HARNESS

EN 361



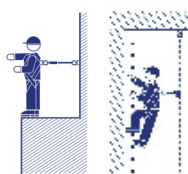
Ref.: AB 101 01

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



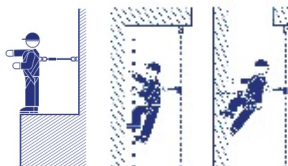
Ref.: AB 102 01

Harness with dorsal anchorage point and work positioning belt.

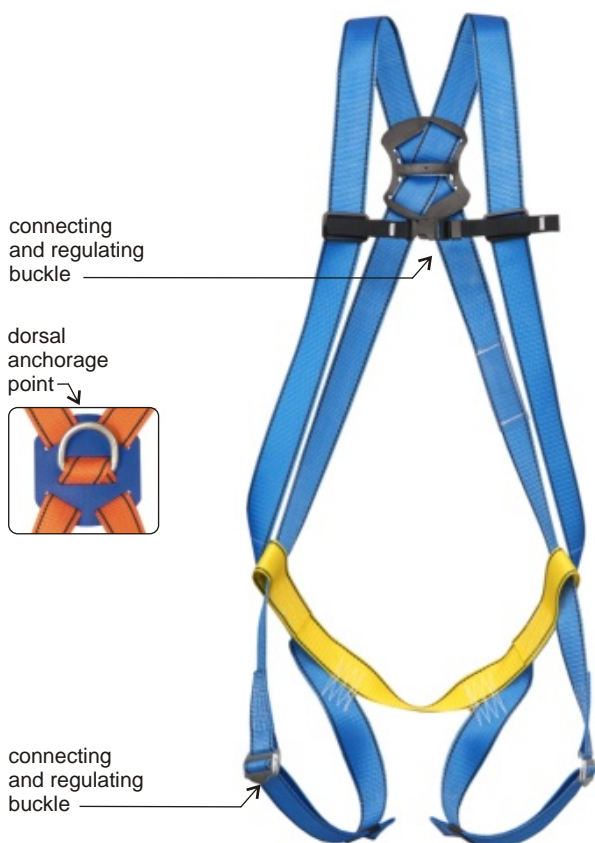
Size: M-XL - 1080g

XXL - 1180g

One regulation for legs and shoulders straps.



Safety harness



P-01S SAFETY HARNESS

EN 361



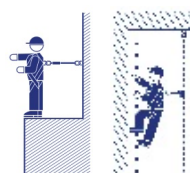
Ref.: AB 101 02

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



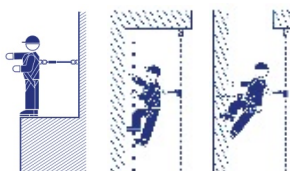
Ref.: AB 102 02

Harness with dorsal anchorage point and work positioning belt.

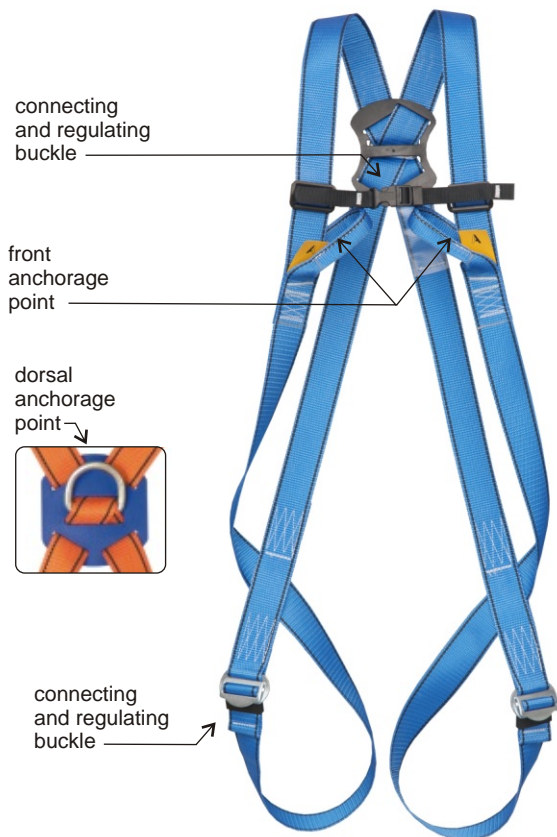
Size: M-XL - 1100g

XXL - 1200g

One regulation for legs and shoulders straps.



Safety harness



P-03

SAFETY HARNESS

EN 361



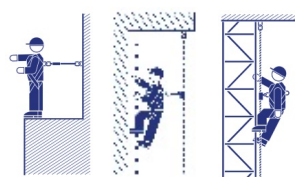
Ref.: AB 103 01

Harness with front and dorsal anchorage point..

Size: M-XL - 690g

XXL - 700g

One regulation for legs and shoulders straps.



P-05

SAFETY HARNESS

EN 361 EN 358



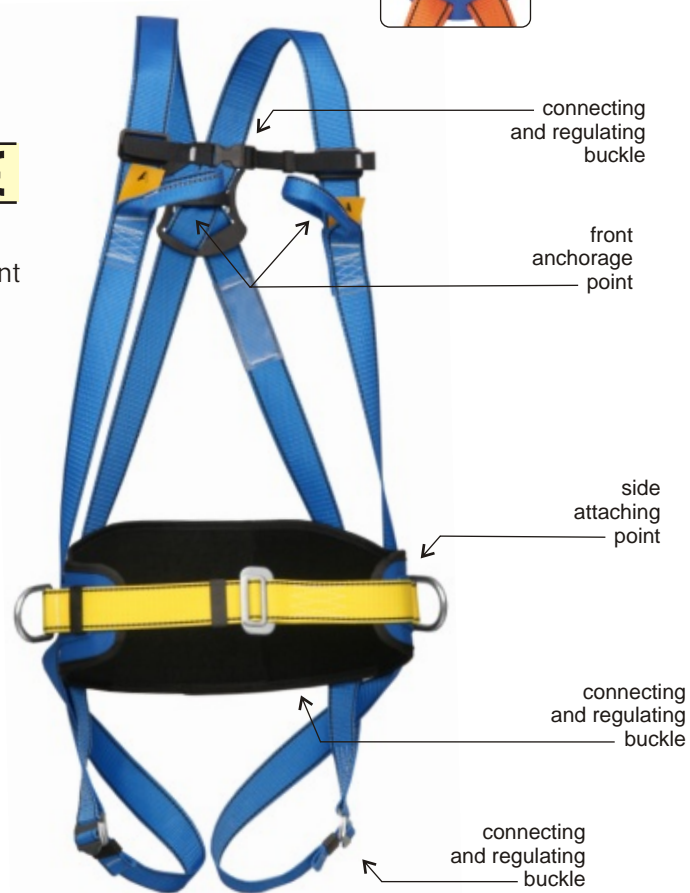
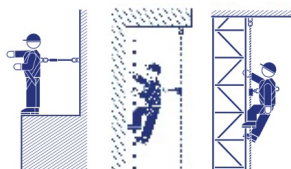
Ref.: AB 105 01

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

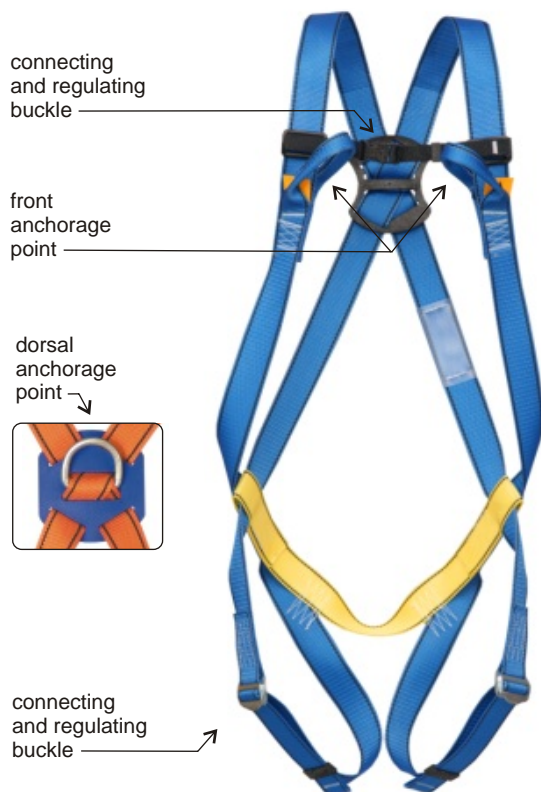
Size: M-XL - 1120g

XXL - 1220g

One regulation for legs and shoulders straps.



Safety harness



P-03S

SAFETY HARNESS

EN 361



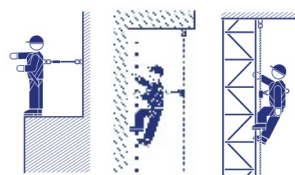
Ref.: AB 103 02

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



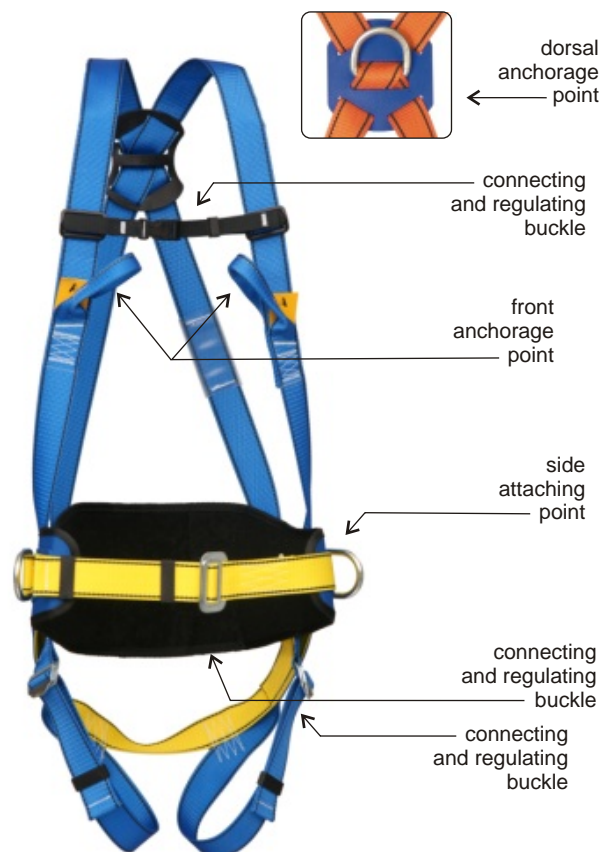
Ref.: AB 105 02

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

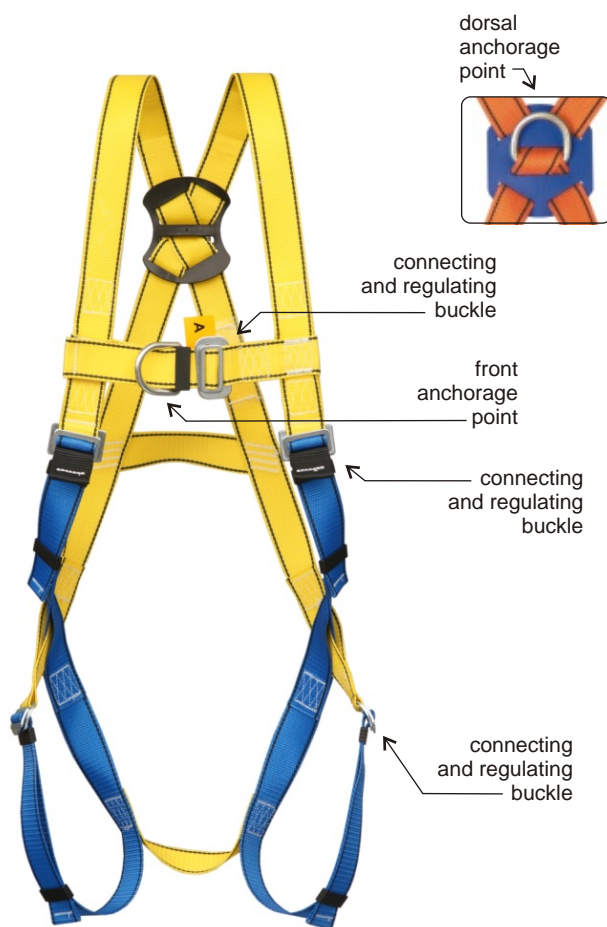
Size: M-XL - 1160g

XXL - 1260g

One regulation for legs and shoulders straps.



Safety harness



P-11 SAFETY HARNESS

EN 361



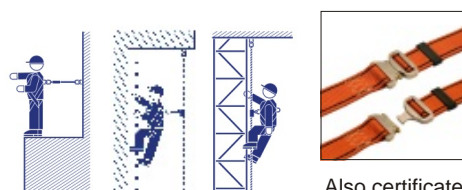
Ref.: AB 110 07

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

EN 361



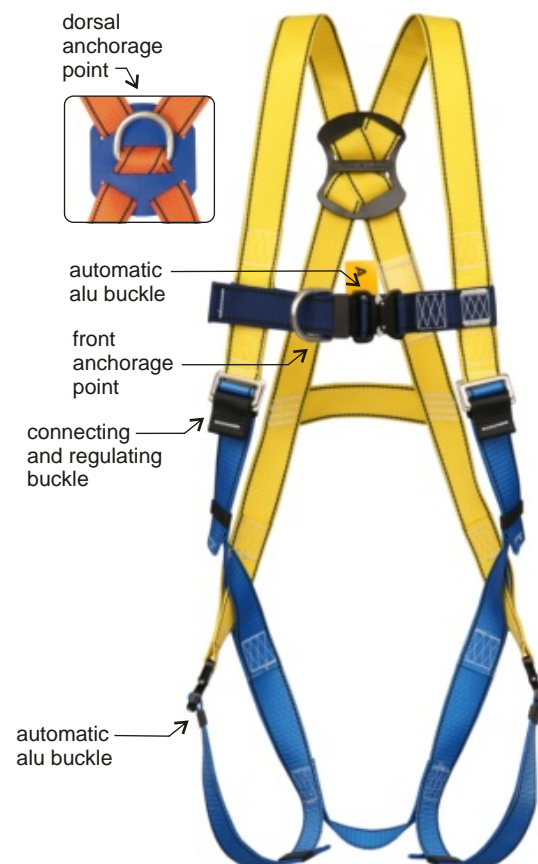
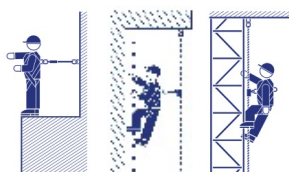
Ref.: AB 110 06

Harness with front and dorsal anchorage point.

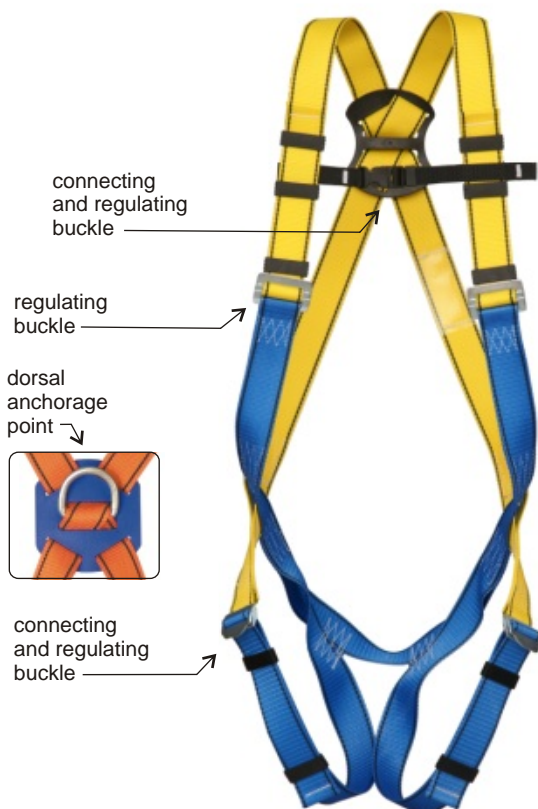
Size: M-XL - 1150g

XXL - 1200g

Separate regulation for legs and shoulders straps.



Safety harness



P-10 SAFETY HARNESS

EN 361



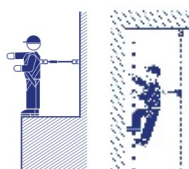
Ref.: AB 110 01

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



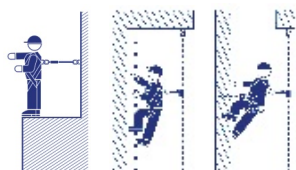
Ref.: AB 120 01

Harness with dorsal anchorage point and work positioning belt.

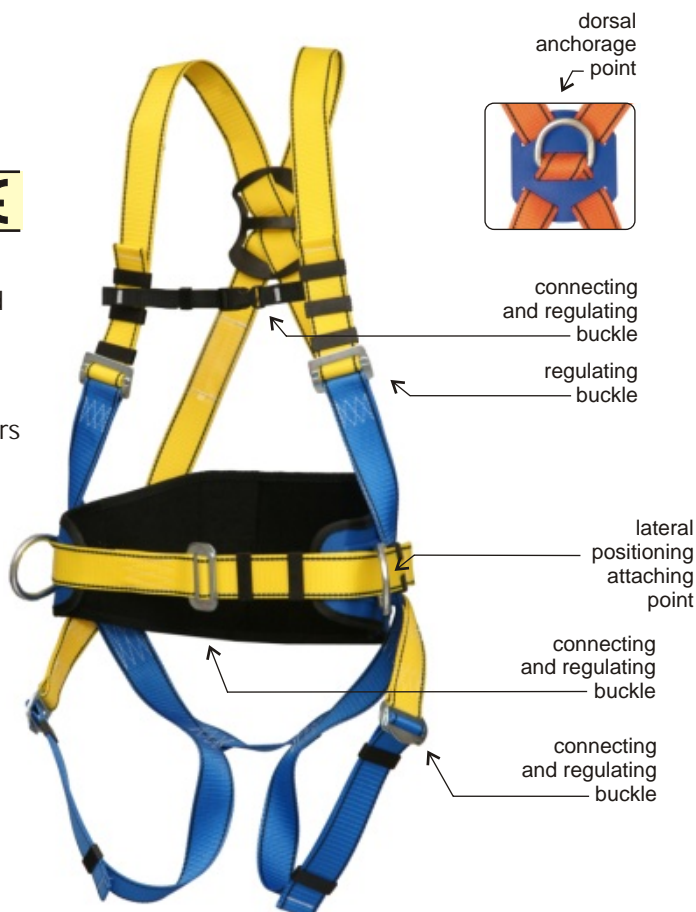
Size: M-XL - 1350g

XXL - 1450g

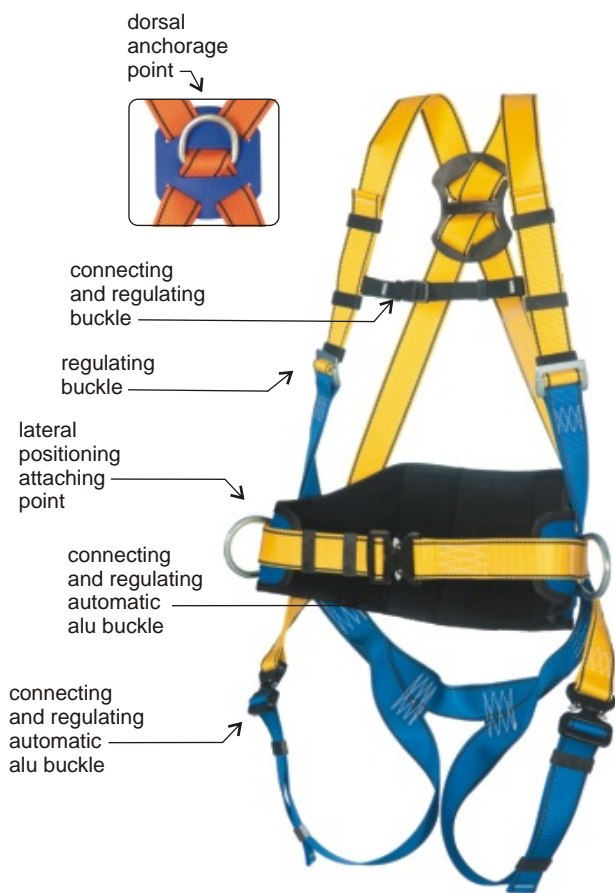
Separate regulation for legs and shoulders straps.



Also certificate with automatic alu buckles



Safety harness



P-20C SAFETY HARNESS

EN 361



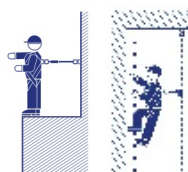
Ref.: AB 120 03

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



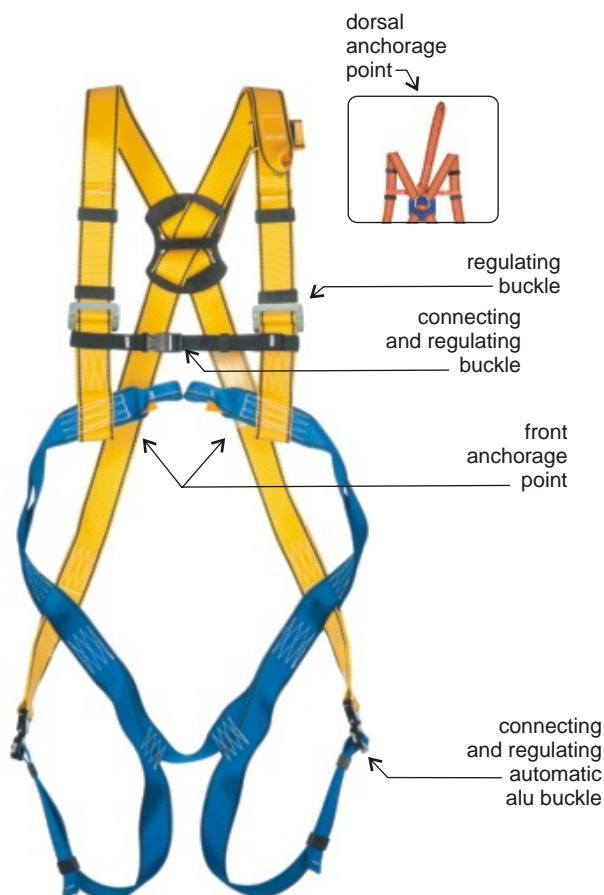
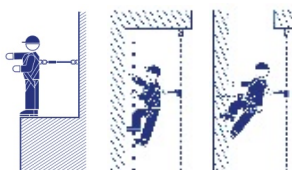
Ref.: AB 130 03

Harness with front and dorsal anchorage point.

Size: M-XL - 1100g

XXL - 1180g

Separate regulation for legs and shoulders straps.



Safety harness

dorsal
anchorage
point

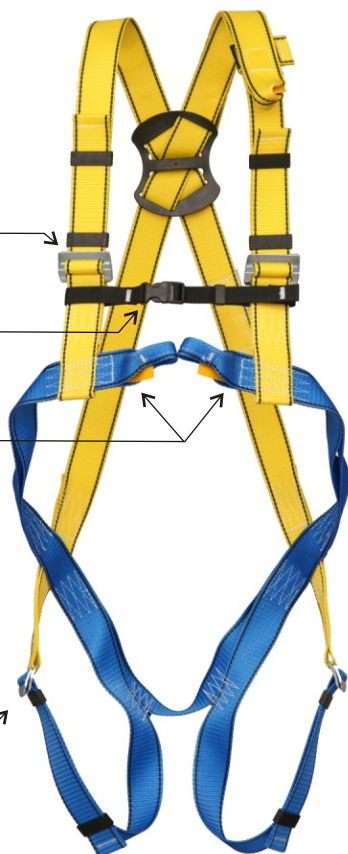


regulating
buckle

connecting
and regulating
buckle

front
anchorage
point

connecting
and regulating
buckle



P-30 SAFETY HARNESS

EN 361



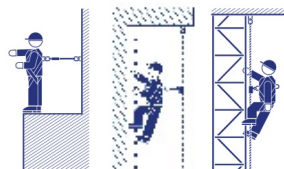
Ref.: AB 130 01

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

dorsal
anchorage
point



regulating
buckle

connecting
and regulating
buckle

front
anchorage
point

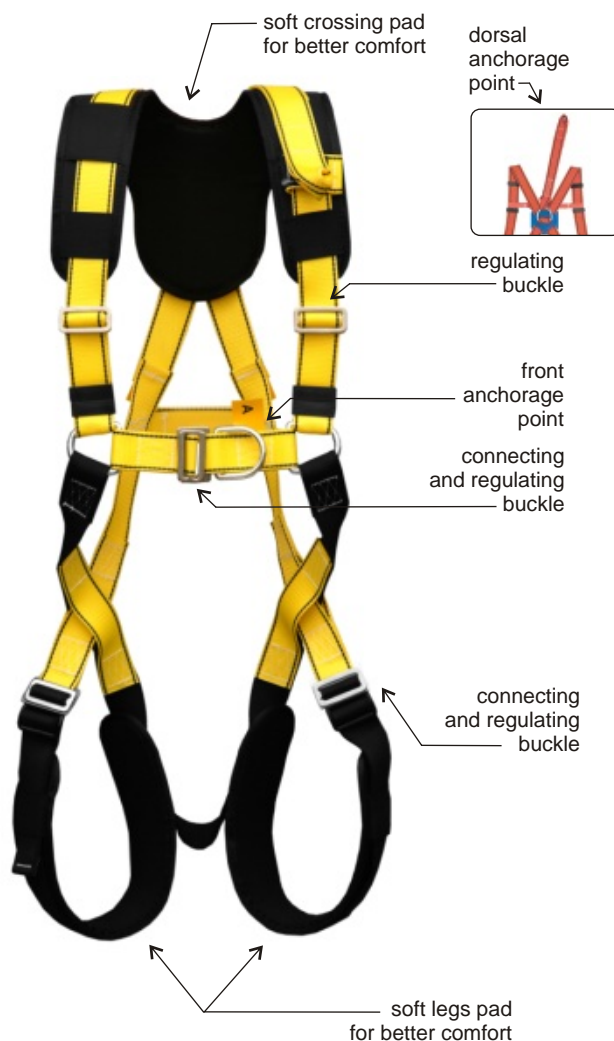
lateral
positioning
attaching
point

connecting
and regulating
buckle

connecting
and regulating
buckle



Safety harness



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

EN 361



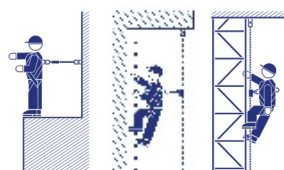
Ref.: AB 133 01

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



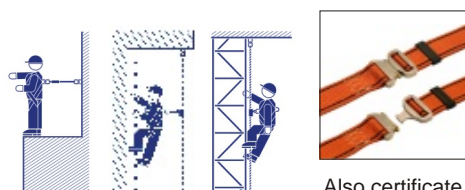
Ref.: AB 134 01

Harness with front and dorsal anchorage point.

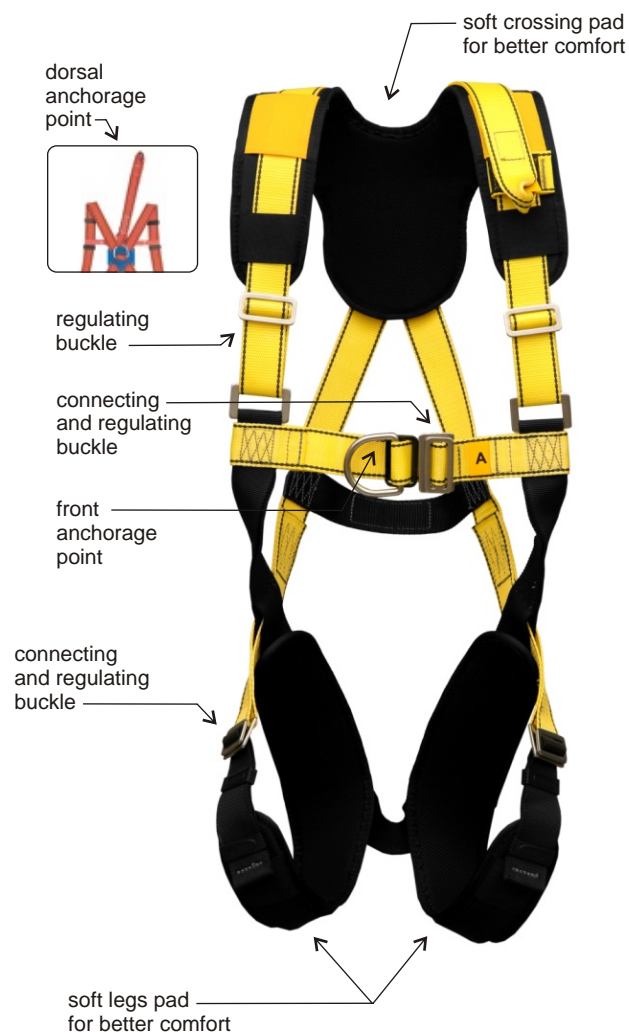
Size: M-XL - 1600g

XXL - 1700g

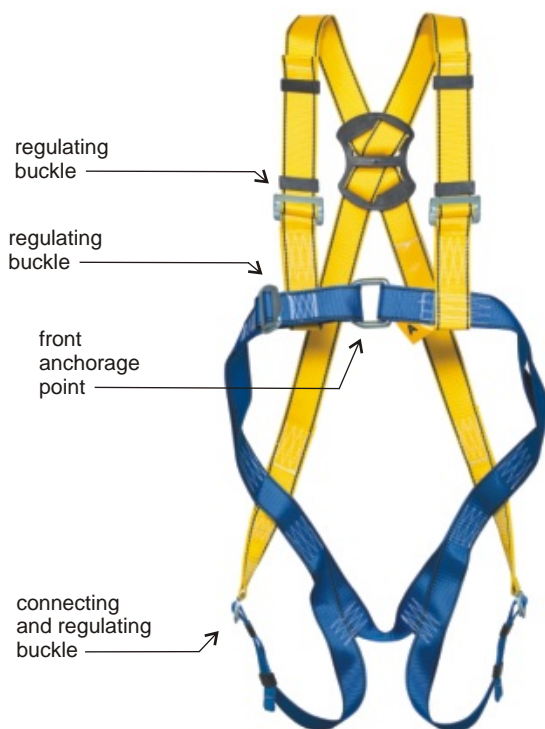
Separate regulation for legs and shoulders straps.



Also certificate with automatic alu buckles



Safety harness



P-36

SAFETY HARNESS

EN 361



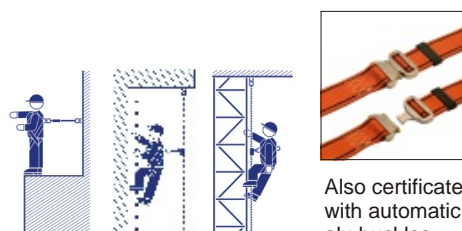
Ref.: AB 136 01

Harness with front and dorsal anchorage point.

Size: M-XL - 1000g

XXL - 1060g

Separate regulation for legs and shoulders straps.



Also certificate with automatic alu buckles

P-56

SAFETY HARNESS

EN 361 EN 358



Ref.: AB 156 01

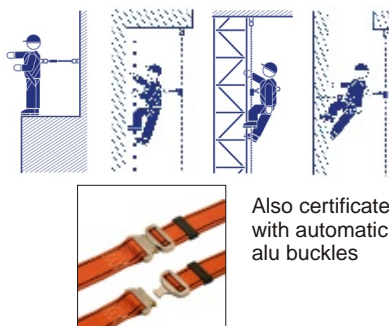
Harness with front and dorsal anchorage point.

Work positioning belt.

Size: M-XL - 1500g

XXL - 1640g

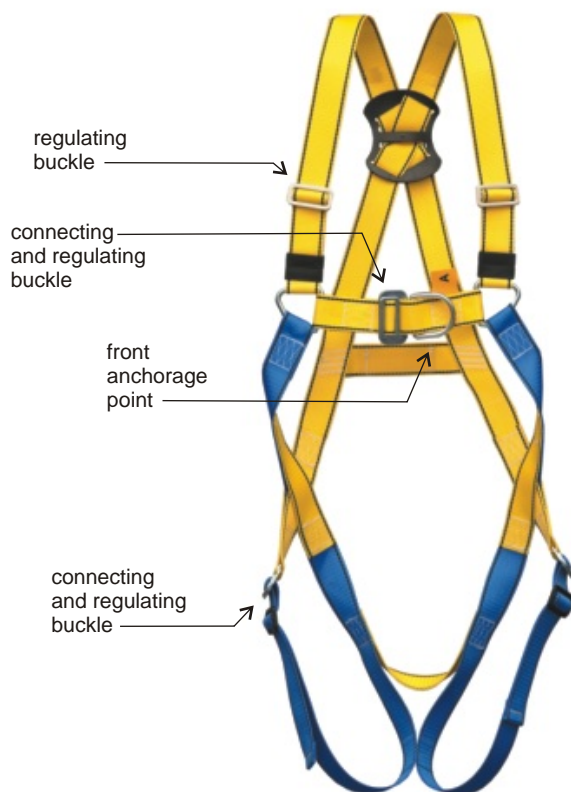
Separate regulation for legs and shoulders straps.



Also certificate with automatic alu buckles



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



Ref.: AB 135 02

Harness with front and dorsal anchorage point.

Work positioning belt.

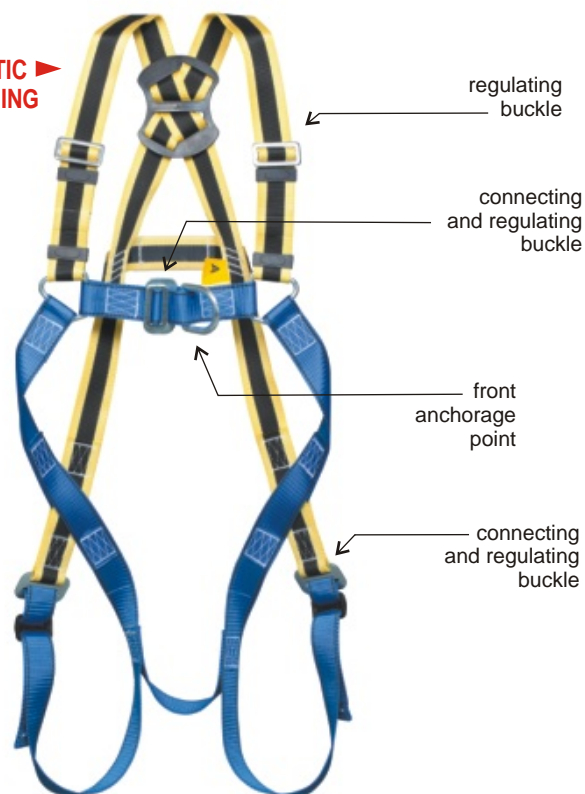
Size: M-XL - 1220g

XXL - 1270g

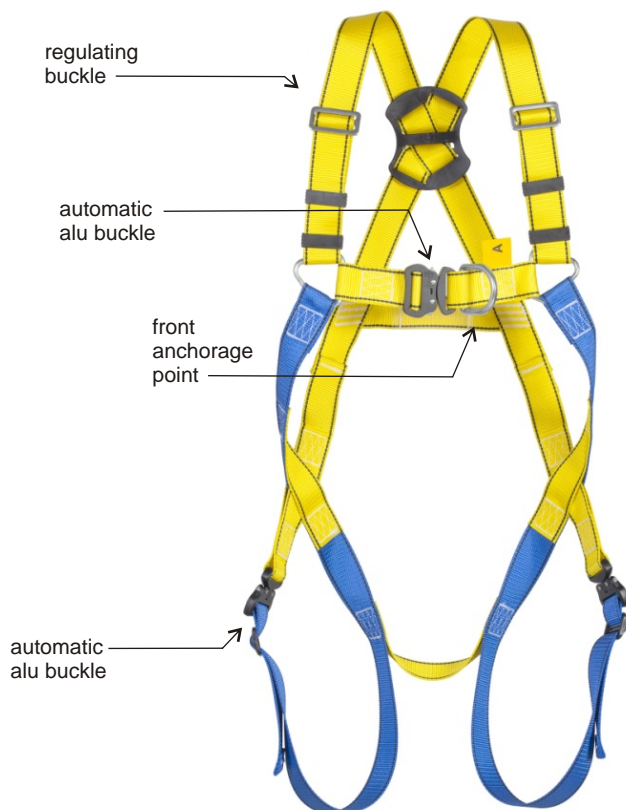
Separate regulation for legs and shoulders straps.



ELASTIC WEBBING



Safety harness



P-35C SAFETY HARNESS

EN 361



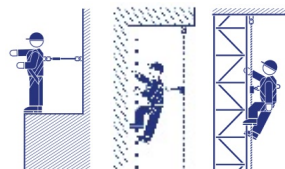
Ref.: AB 135 03

Harness with front and dorsal anchorage point.

Size: M-XL - 1200g

XXL - 1250g

Separate regulation for legs and shoulders straps.



P-36C SAFETY HARNESS

EN 361



Ref.: AB 136 03

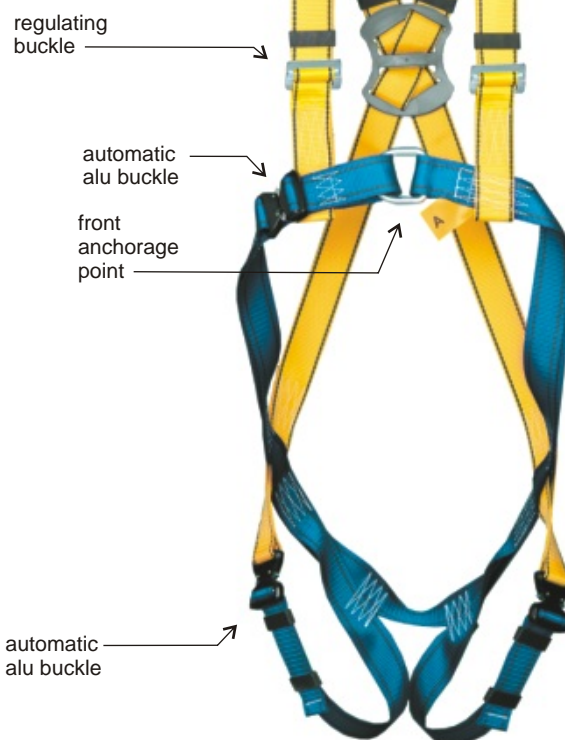
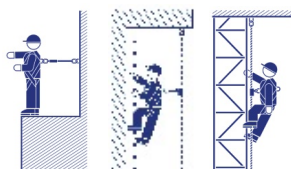
Harness with front and dorsal anchorage point.

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



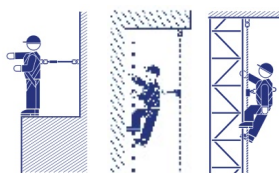
Ref.: AB 130 03

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

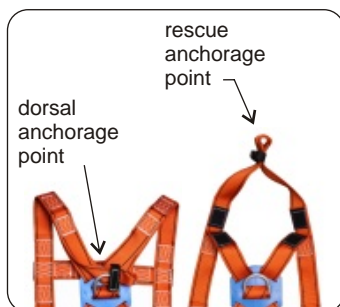
Harness with front and dorsal anchorage point.

Rescue anchorage point

Size: M-XL - 1460g

XXL - 1600g

Separate regulation for legs and shoulders straps.



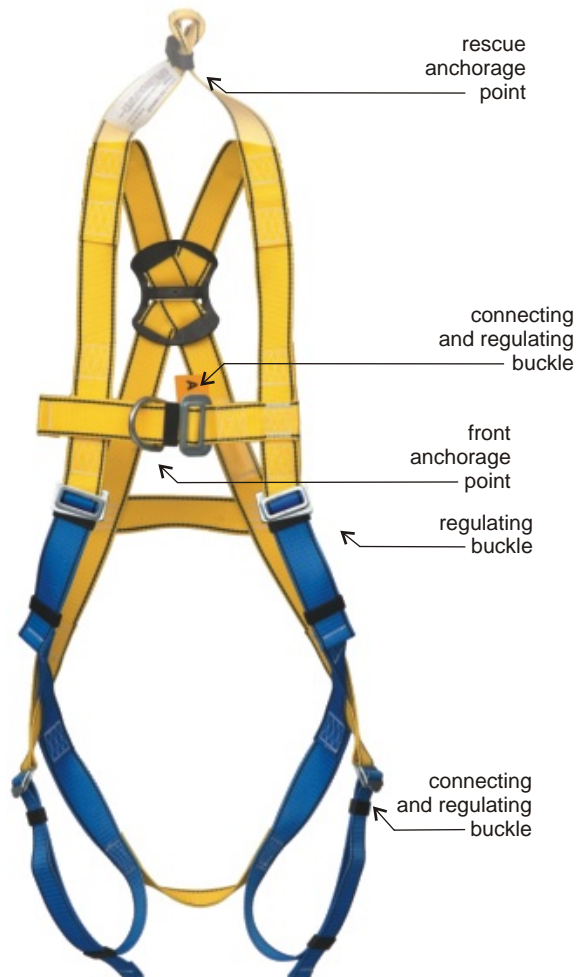
rescue
anchorage
point

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



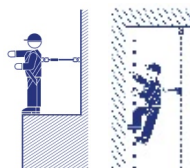
Ref.: AB 115 02

Harness with dorsal anchorage point.

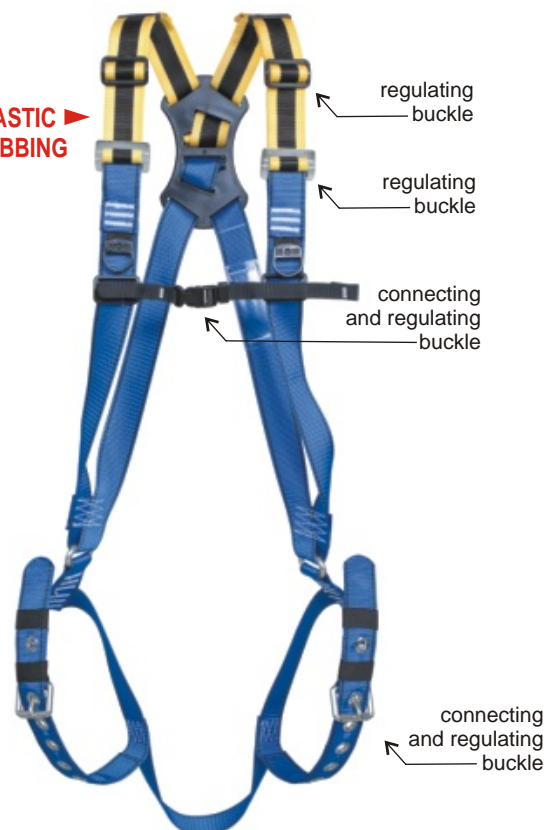
Size: M-XL - 1200g

XXL - 1300g

Separate regulation for legs and shoulders straps.



ELASTIC WEBBING



Safety harness

P-40

SAFETY HARNESS

EN 361



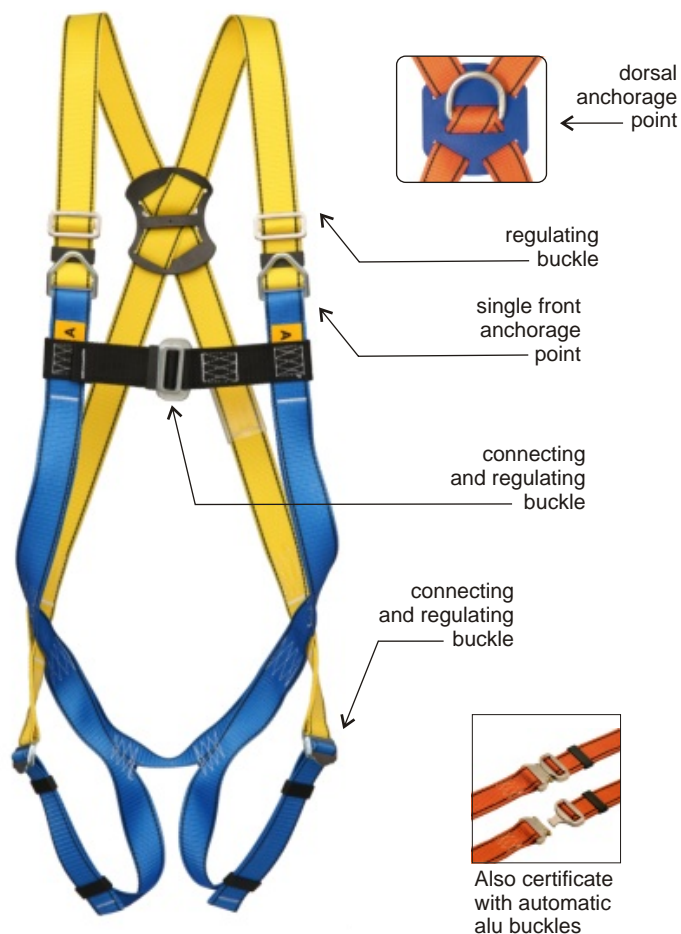
Ref.: AB 140 01

Harness with dorsal and front anchorage points.

Size: M-XL - 1150g

XXL - 1200g

Separate regulation for legs and shoulders straps.



P-40A

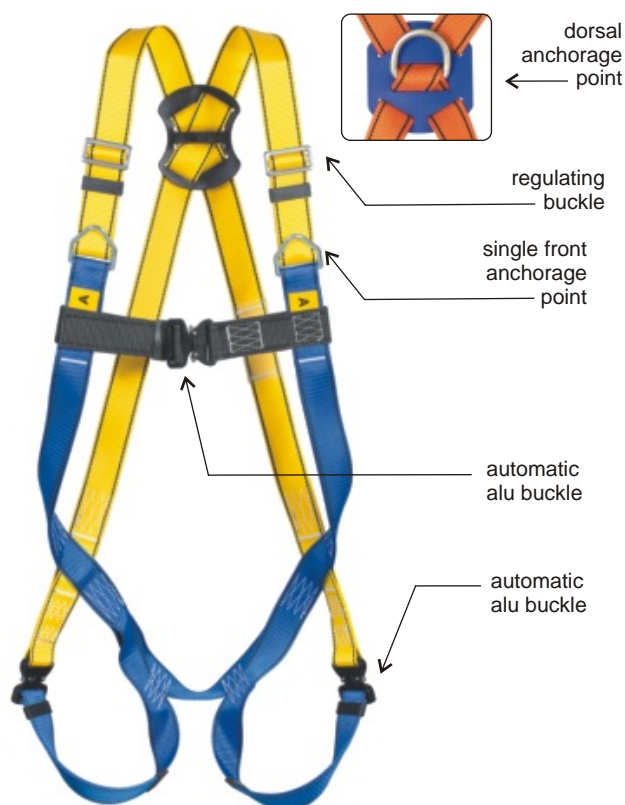
SAFETY HARNESS

EN 361



Ref.: AB 141 01

ALL BUCKLES - STAINLESS STEEL



P-40C

SAFETY HARNESS

EN 361



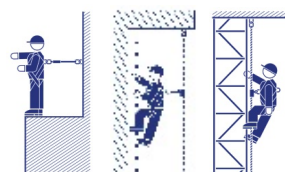
Ref.: AB 135 01

Harness with dorsal and front anchorage points.

Size: M-XL - 1190g

XXL - 1240g

Separate regulation for legs and shoulders straps.



Safety harness



P-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

P-60 SAFETY HARNESS

EN 361 EN 358



Ref.: AB 160 01

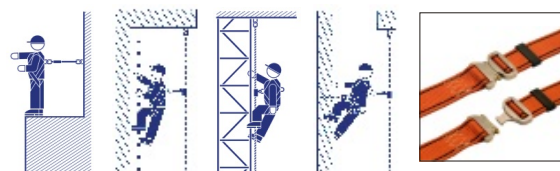
Harness with front and dorsal anchorage point.

Work positioning belt.

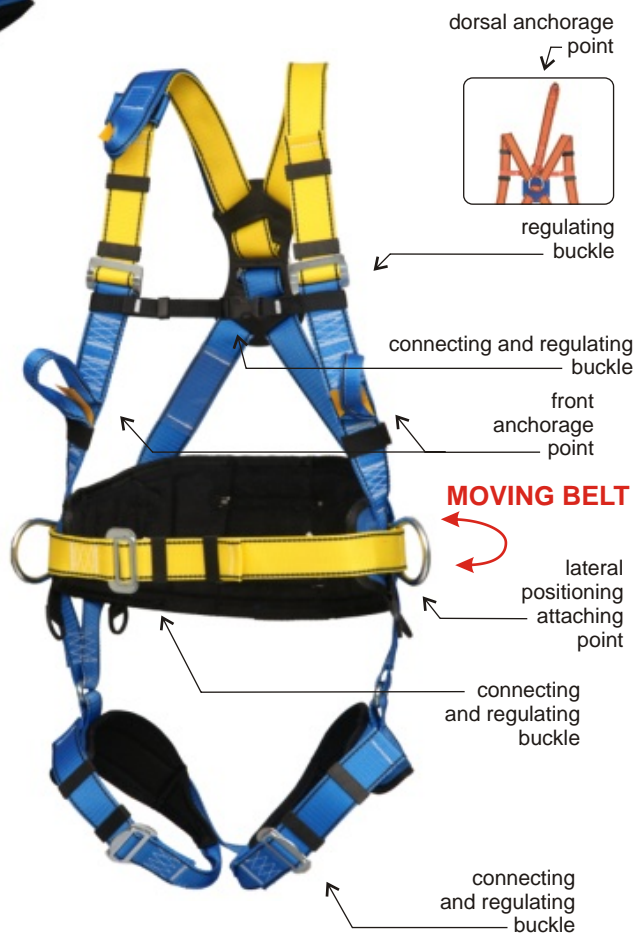
Size: M-XL - 1540g

XXL - 1680g

Separate regulation for legs and shoulders straps.



Also certificate with automatic alu buckles



Safety harness



P-60E SAFETY HARNESS

EN 361 EN 358



Ref.: AB 160 02

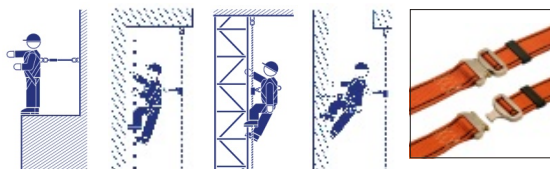
Harness with front and dorsal anchorage point.

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

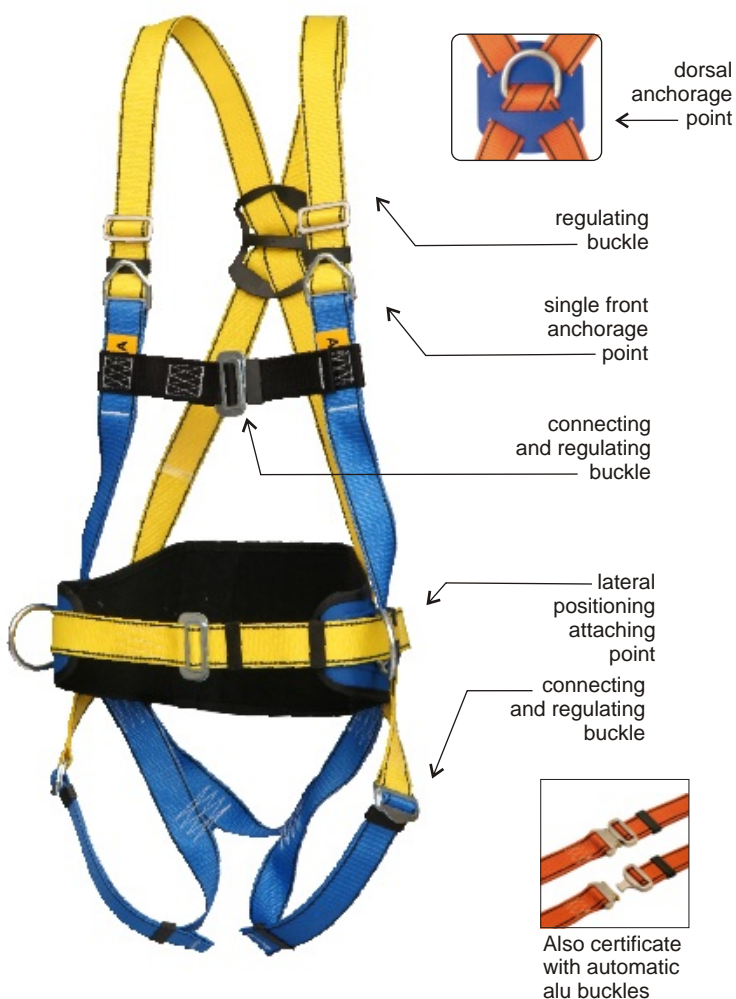
Separate regulation for legs and shoulders straps.



Also certificate with automatic alu buckles



Safety harness



P-42

SAFETY HARNESS

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

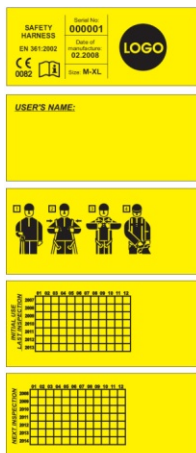
Size: M-XL - 1115g
XXL - 1165g



Individual Identity System



available standard and with logo



other available colours



Safety harness

P-22 PRO SAFETY HARNESS

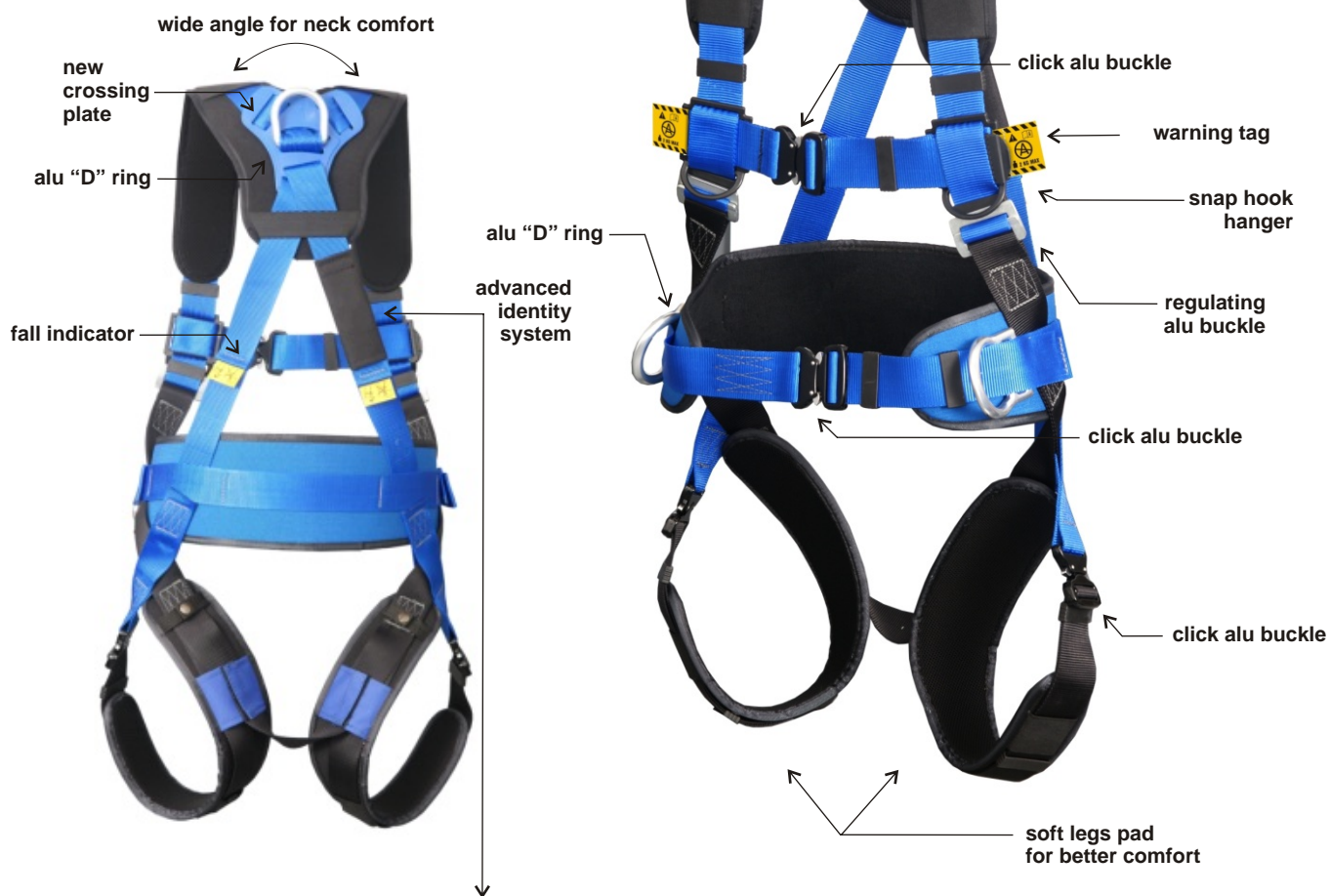
EN 361 EN 358



Ref.: AB 122 01

Size: M-XL - 1450g

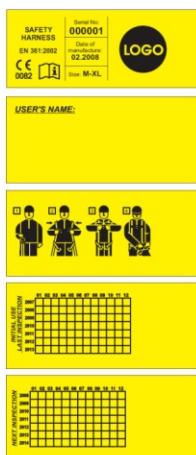
XXL - 1550g



Individual Identity System



available standard and with logo



other available colours



Safety harness

P-32 PRO SAFETY HARNESS

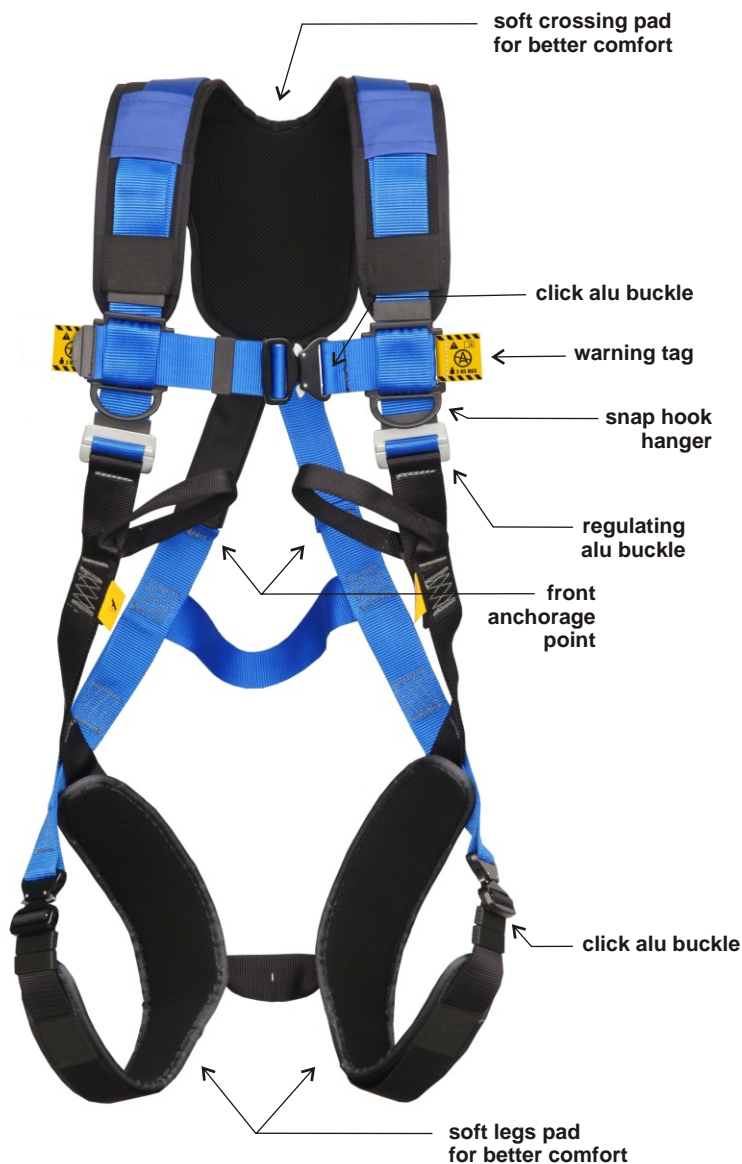
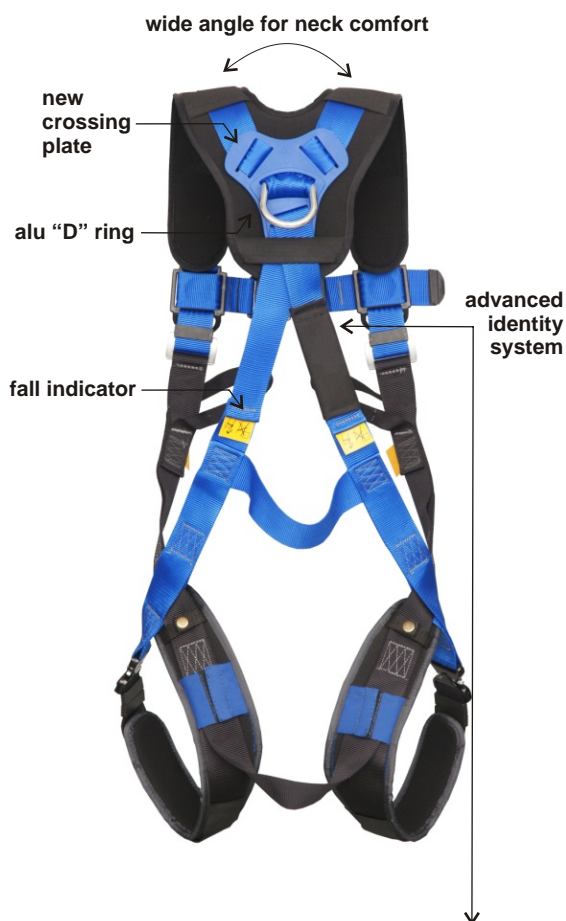
EN 361



Ref.: AB 132 01

Size: M-XL - 1315g

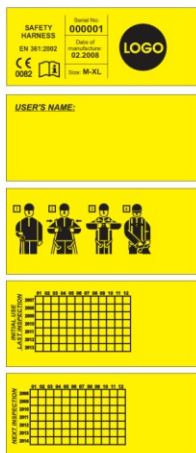
XXL - 1365g



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

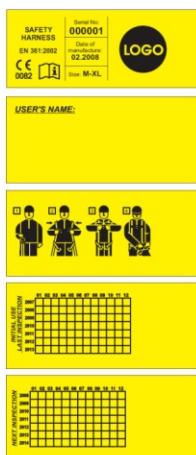
XXL - 1750g



Individual Identity System



available standard and with logo



other available colours



Safety harness



Also certificate with automatic alu buckles



P-70

SAFETY HARNESS

EN 361 EN 358 EN 813



Ref.: AB 170 01

Harness with front and dorsal anchorage point. Aluminium buckle.

Work positioning belt.

Size: M-XL - 1660g

XXL - 1760g

Separate regulation for legs and shoulders straps.



other available colours



P-71E

SAFETY HARNESS

EN 361 EN 358 EN 813



Ref.: AB 171 02

Harness with front and dorsal anchorage point. Aluminium buckle.

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.

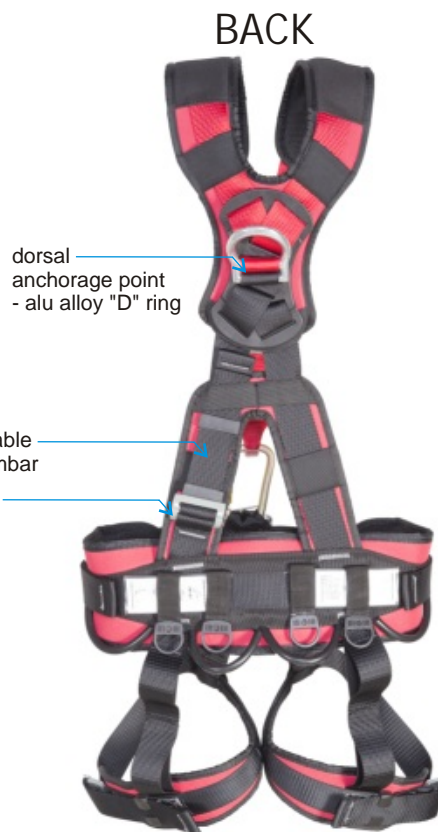
Size: M-XL - 2050g

XXL - 2150g

Separate regulation for legs and shoulders



COMFORTABLE PILLOW 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. Aluminium buckle. Size: M-XL - 1720g
XXL - 1800g
One regulation for legs and shoulders straps.



P-80E

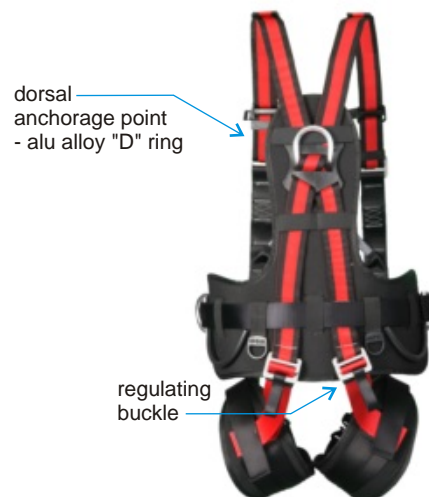
SAFETY HARNESS

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. Aluminium buckle. 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



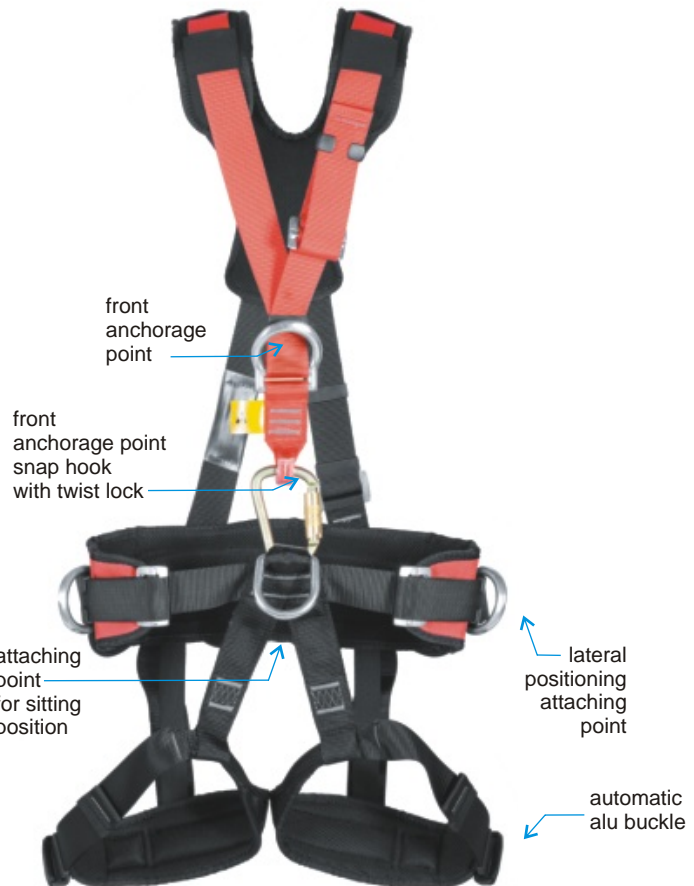
Ref.: AB 171 03

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

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



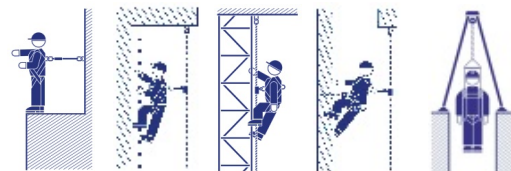
Ref.: AB 171 05

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

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



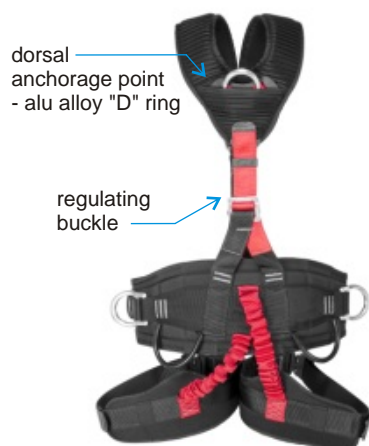
Ref.: AB 173 03

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

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. Aluminium buckle.

Size: M-XL - 1820g

XXL - 1960g

Separate regulation for legs and shoulders straps.



Isolating safety harness



P-51E ISOL 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 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

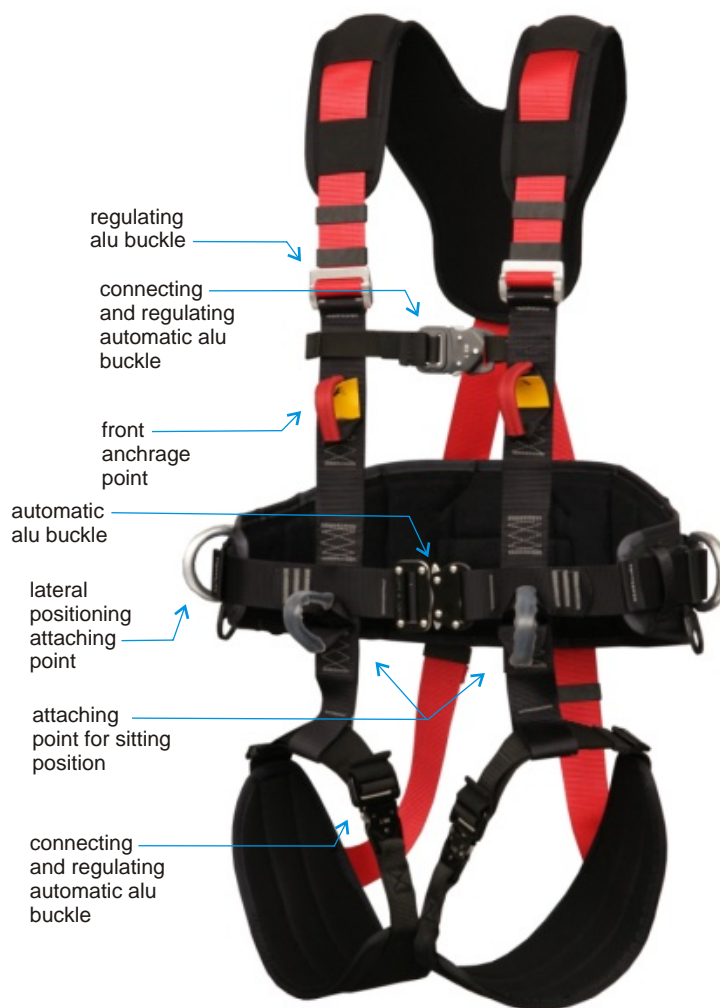
Harness with front and dorsal anchorage point. Attaching point for sitting position. Work positioning belt.

Size: M-XL - 1900g

XXL - 1980g

One regulation for legs and shoulders straps.

wide angle for neck comfort



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. Aluminium buckle.

Size: M-XL - 1660g

XXL - 1760g

Separate regulation for legs and shoulders straps.



Safety harness

P-90 *New construction !*

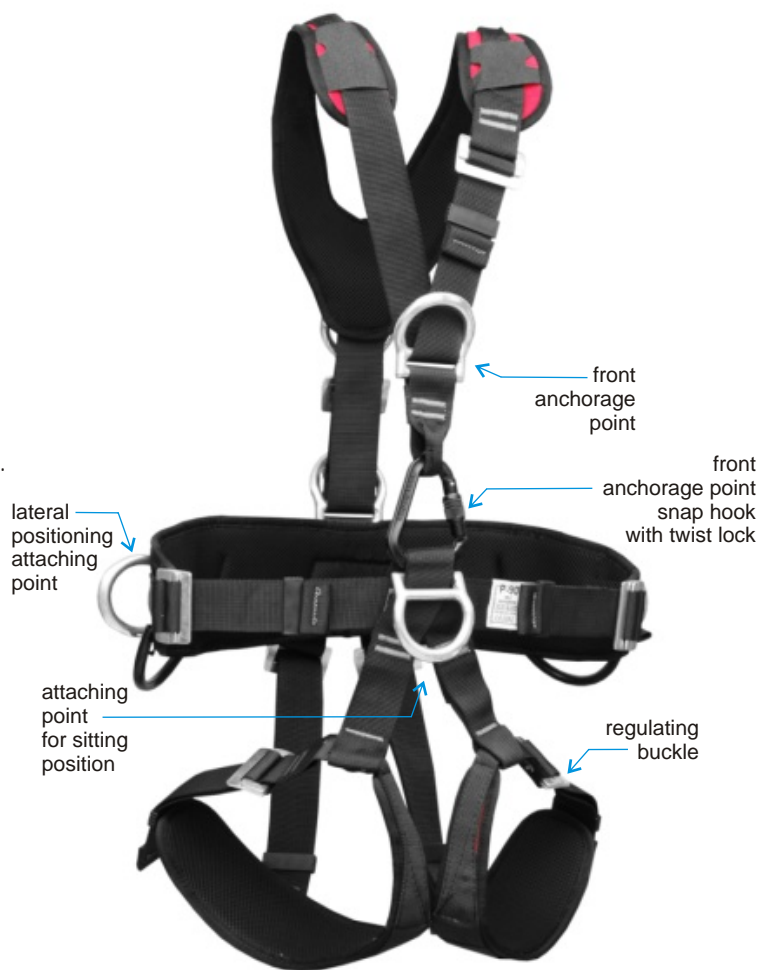
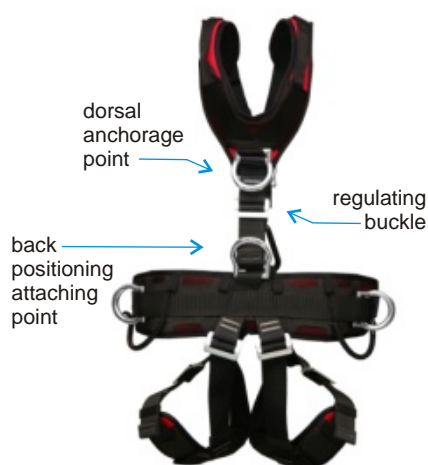
SAFETY HARNESS

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. Aluminium buckle.
Size: M-XL - 1950g
XXL - 2030g
One regulation for legs and shoulders straps.



P-30N

SAFETY HARNESS

NEW MODEL NON-FLAMMABLE

EN 361



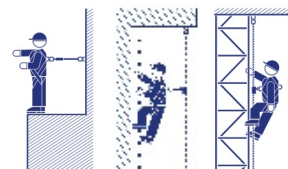
Ref.: AB 131 01

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

SAFETY HARNESS

NEW MODEL NON-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 MODEL NON-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



P-10F For Women!

Women's HARNESSES

EN 361



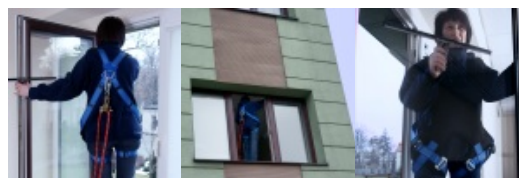
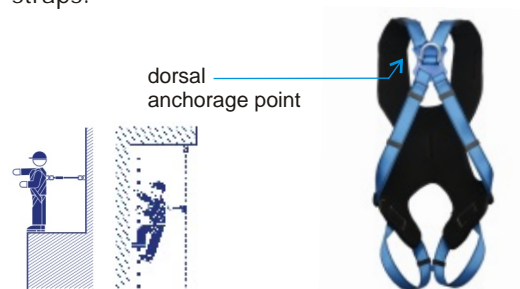
Ref.: AB 110 04

Harness with dorsal anchorage point.

Size: M-XL - 1050g

XXL - 1150g

One regulation for legs and shoulders straps.



dorsal anchorage point



regulating buckle

front anchorage point

connecting and regulating buckle



P-30NR

SAFETY HARNESS

NEW MODEL NON-FLAMMABLE

EN 361



Ref.: AB 131 02

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.

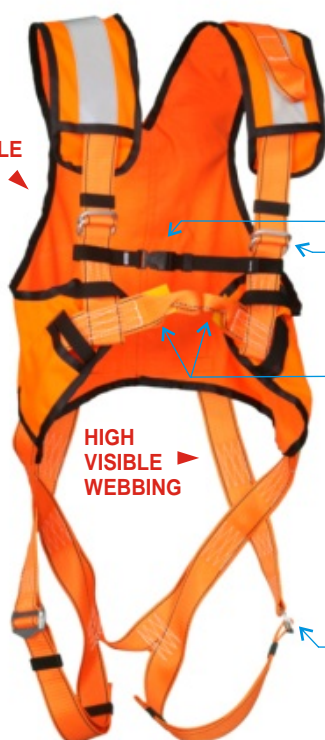
The rope is protected
against sparks,
molten metal drops, etc.

EN 358 p.4.1.5
resistance to flame



Safety harness with vest

HIGH
VISIBLE
VEST



connecting
and regulating
buckle

regulating
buckle

front
anchorage
point

HIGH
VISIBLE
WEBBING



dorsal
anchorage
point

connecting
and regulating
buckle

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.



dorsal
anchorage
point

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.



dorsal
anchorage
point

Available colors:



Hi Viz orange



Hi Viz yellow

HIGH
VISIBLE
VEST

HI VIZ
PAD BELT

HIGH
VISIBLE
WEBBING



dorsal
anchorage
point

connecting
and regulating
buckle

regulating
buckle

front
anchorage
point

connecting
and regulating
buckle

side
attaching
point

connecting
and regulating
buckle

Safety harness with vest

 Hi Viz orange

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.

FRONT

HIGH
VISIBLE
VEST



front
anchorage
point

reflective tape

connecting
and regulating
buckle

connecting
and regulating
buckle

HIGH
VISIBLE
WEBBING

BACK



reflective tape

dorsal
anchorage
point

FRONT



BACK



 Hi Viz green-yellow

Safety harness with vest



P-03 + VS041

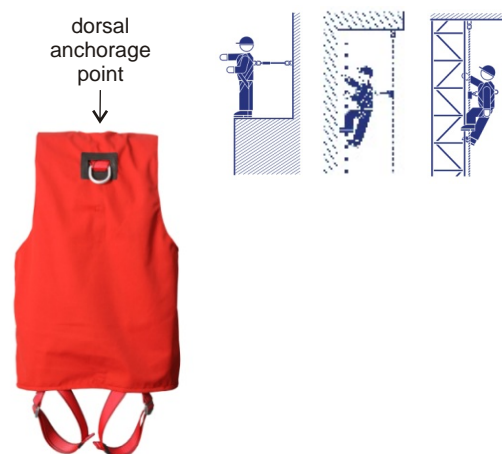
SAFETY HARNESS with VEST

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

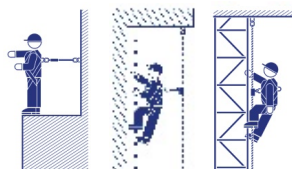
SAFETY HARNESS with VEST

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

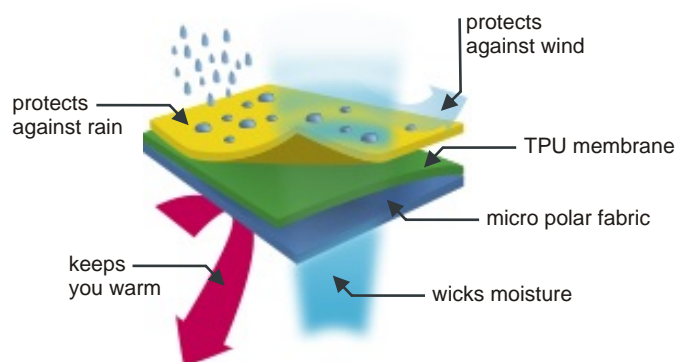
KB 041



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

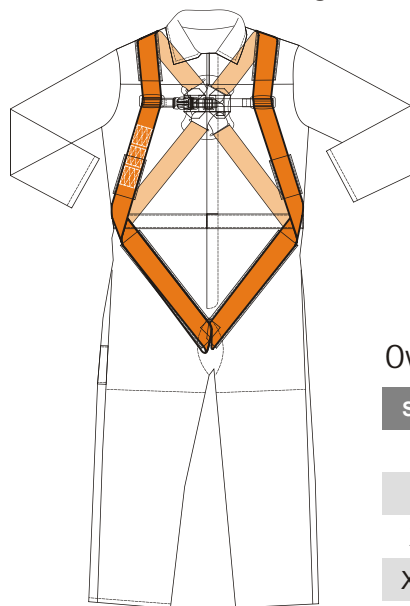
EN 361



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



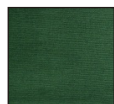
Fabric and performance

Standard fabric / color

Polyester 65 % Cotton 35%
by KLOPMAN



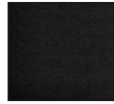
NEW EMPIRE RED
WEIGHT 210 g/m²



BOTTLE GREEN
WEIGHT 210 g/m²



COMBO BLUE
WEIGHT 210 g/m²



BLACK
WEIGHT 210 g/m²

High Visible colors

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



Luminex
H.V. Orange



Luminex
H.V. Yellow

Conforming to: EN 471:2008

Flame Resistance and Anti-static fabric

Viscose FR, modified acrylic type F
XISPAL by LENARD



Red
WEIGHT 320 g/m²



Ryal Blue
WEIGHT 320 g/m²



Green
WEIGHT 320 g/m²



Orange
WEIGHT 320 g/m²



Grey 80
WEIGHT 320 g/m²



Navy
WEIGHT 320 g/m²

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

Flame Resistance, Anti-static fabric and High Visible standards



HV Yellow
WEIGHT 270 g/m²

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 Ø12 mm

EN 355 EN 354



Ref.: AW 170+LB 100

AW 170
Dimensions: 300x40x50 mm
Weight: 360 g.
Material: energy absorber - polyamide
safety lanyard - polyester
Max. load 140 kg

Max. length: 2m

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



Max load
140 kg

safety lanyard
LB 101
Ø 10,5mm

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: energy absorber - polyamide
safety lanyard - polyester

Max. load 140 kg

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



Max load
140 kg

safety lanyard
LB 102
Ø 10,5mm

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: energy absorber - polyamide
safety lanyard - polyester

Max. load 140 kg

Max. length: 2x2m (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



Max load
140 kg

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: energy absorber - polyamide
safety lanyard - polyester

Max. load 140 kg

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 ABSORBER

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

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



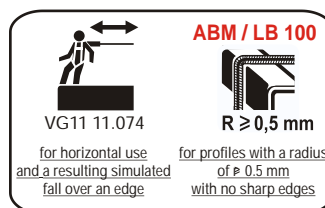
Ref.: BW 200+LB 100

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

Material: energy absorber - polyamide
safety lanyard - polyester

◀ ROPE
Ø 12mm

OTHER LENGHTES ON REQUEST



ABM+LB 140

energy absorber with universal
adjustable safety lanyard Ø 14 mm

EN 355 EN 354



Ref.: BW 200+LB 140

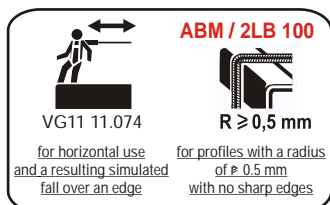
Max. length: 2m (included connected snap
hooks).

Material: energy absorber - polyamide
safety lanyard - polyester

◀ ROPE
Ø 14mm

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+ 2LB 100

energy absorber with double universal adjustable safety lanyard ø12 mm

EN 355 EN 354



Ref.: BW 200+2LB 100

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

Material: energy absorber - polyamide
safety lanyard - polyester

◀ **ROPE**
Ø 12mm

OTHER LENGHTES ON REQUEST

ABM+2LB 140

energy absorber with double universal adjustable safety lanyard ø 14 mm

EN 355 EN 354



Ref.: BW 200+2LB 140

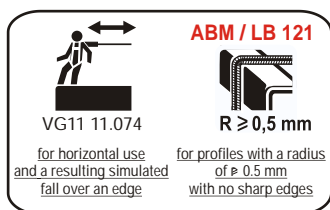
Max. length: 2m (included connected snap hooks).

Material: energy absorber - polyamide
safety lanyard - polyester

◀ **ROPE**
Ø 14mm

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

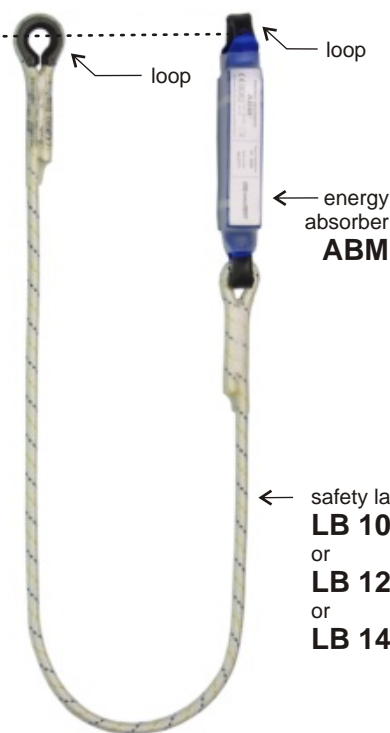
AZ 021T
galvanized steel
opening: 23 mm
weight: 250 g
twist lock

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+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: energy absorber - polyamide
safety lanyard - polyester

◀ ROPE
Ø 10,5mm

OTHER LENGHTES ON REQUEST

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: energy absorber - polyamide
safety lanyard - polyester

◀ ROPE
Ø 12mm

OTHER LENGHTES ON REQUEST

ABM+LB 141

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

EN 355 EN 354



Ref.: BW 200+LB 141

Weight: 000g.

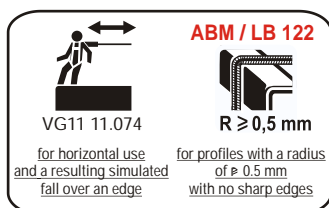
Max. length: 2m (included connected snap hooks).

Material: energy absorber - polyamide
safety lanyard - polyester

◀ ROPE
Ø 14mm

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



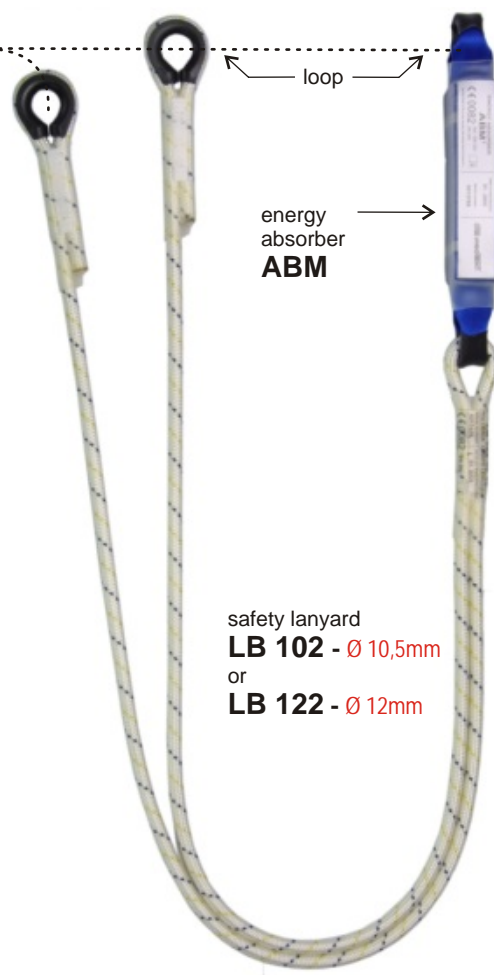
AZ 023
aluminium
opening: 60 mm
weight: 480 g



AZ 024
aluminium
opening: 100 mm
weight: 920 g



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



ABM+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: energy absorber - polyamide
safety lanyard - polyester

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: energy absorber - polyamide
safety lanyard - polyester

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: energy absorber - polyamide
webbing - polyester

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



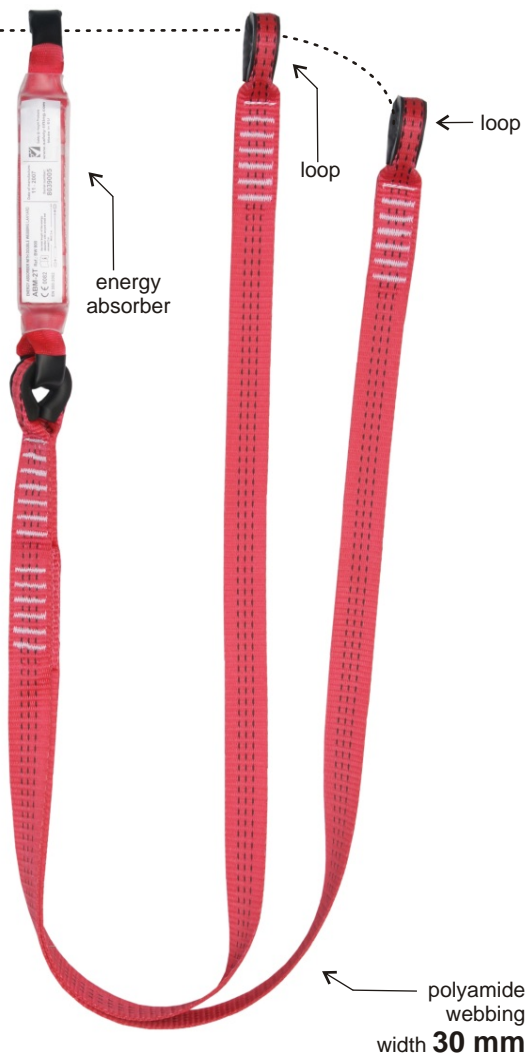
AZ 023
aluminium
opening: 60 mm
weight: 480 g



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: energy absorber - polyamide
webbing - polyester

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



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: energy absorber - polyamide
safety lanyard - polyester

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



energy
absorber
ABM

← loop

← elastic
safety lanyards
LE 101

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: energy absorber - polyamide
safety lanyard - polyester

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



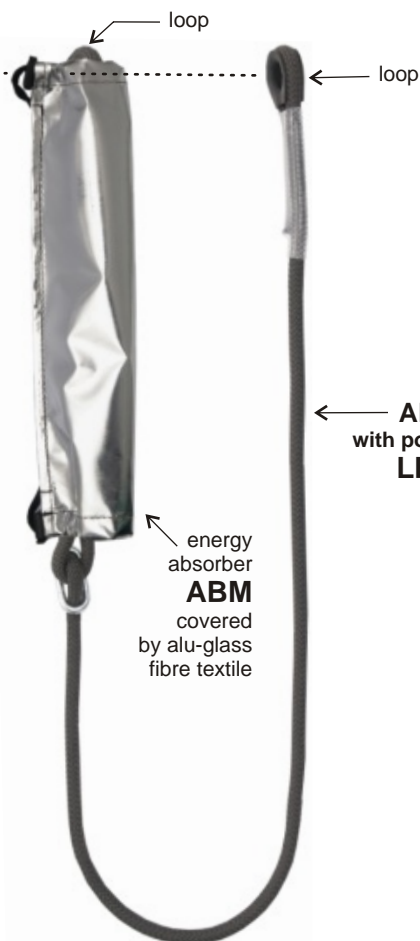
AZ 023
aluminium
opening: 60 mm
weight: 480 g



AZ 024
aluminium
opening: 100 mm
weight: 920 g



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



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

← energy
absorber
ABM
covered
by alu-glass
fibre textile

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



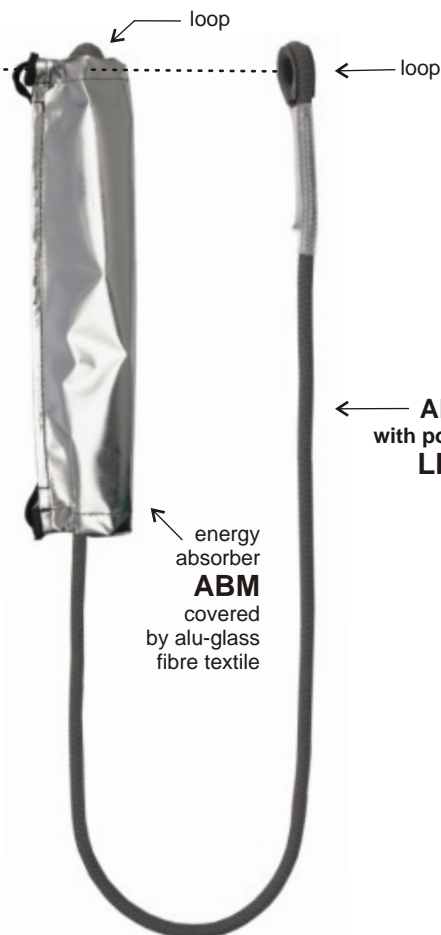
AZ 023
aluminium
opening: 60 mm
weight: 480 g



AZ 024
aluminium
opening: 100 mm
weight: 920 g



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



← **ARAMID rope**
with polyamide core
LB 201 FLR
Ø 11mm

energy
absorber
ABM
covered
by alu-glass
fibre textile

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



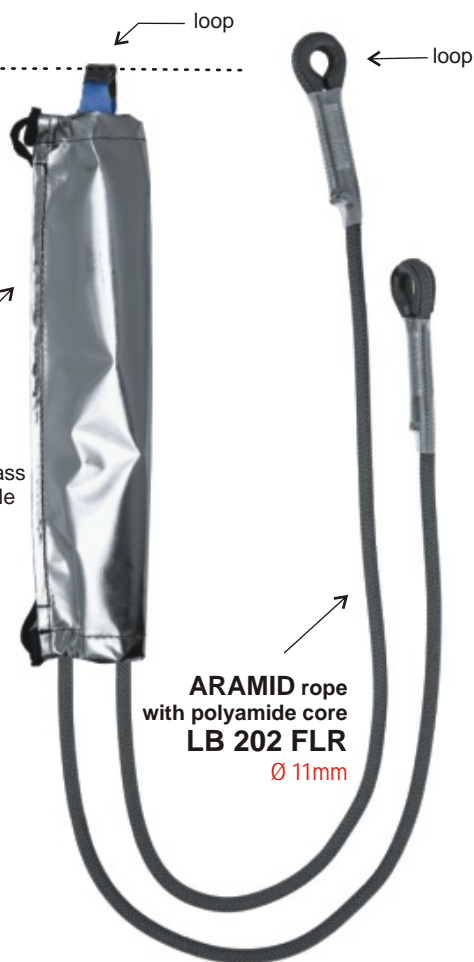
AZ 024
aluminium
opening: 100 mm
weight: 920 g



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



energy absorber
ABM
covered by alu-glass fibre textile



ARAMID rope
with polyamide core
LB 202 FLR
Ø 11mm

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



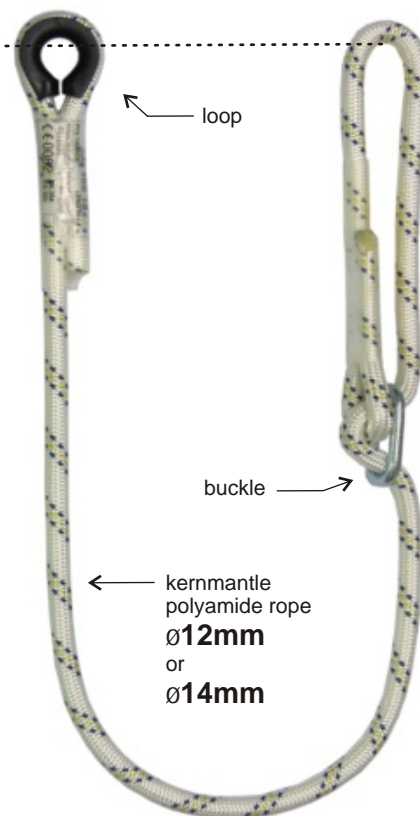
AZ 023
aluminium
opening: 60 mm
weight: 480 g



AZ 024
aluminium
opening: 100 mm
weight: 920 g



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



loop

buckle

kernmantle
polyamide rope
Ø12mm
or
Ø14mm

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

ON 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

ON 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



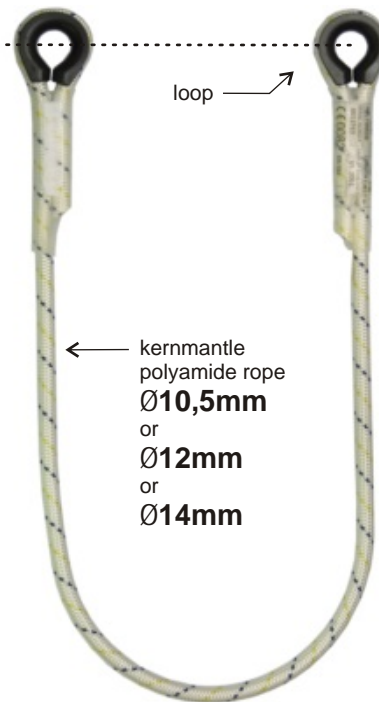
AZ 023
aluminium
opening: 60 mm
weight: 480 g



AZ 024
aluminium
opening: 100 mm
weight: 920 g



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



loop

kernmantle
polyamide rope
Ø10,5mm
or
Ø12mm
or
Ø14mm

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 ON 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 ON 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 ON 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



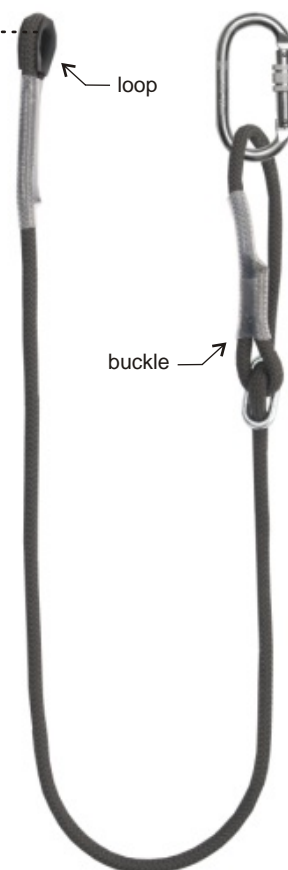
AZ 023
aluminium
opening: 60 mm
weight: 480 g



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

OTHER LENGHTES ON 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 ON 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

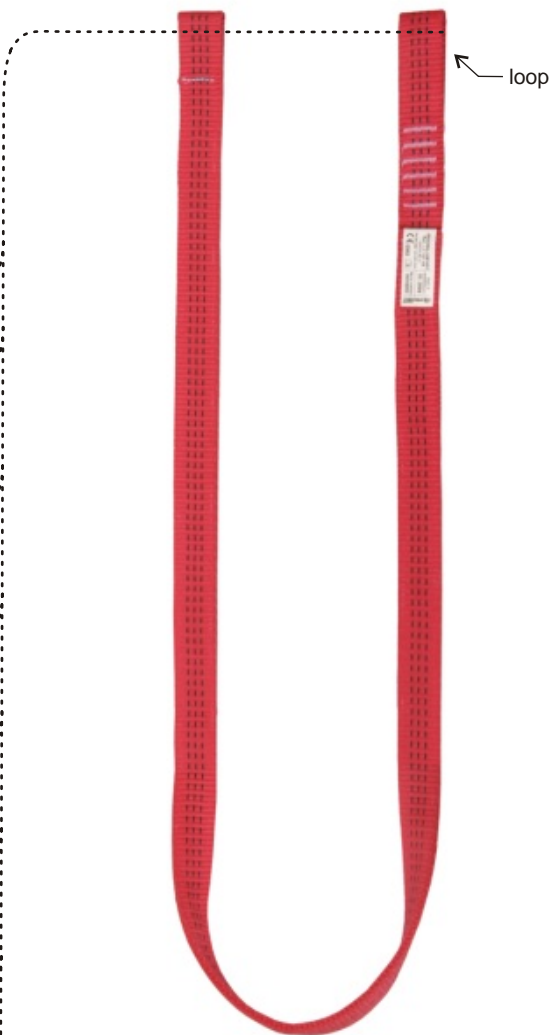
LT 101 20 - length 2,0m

OTHER LENGHTES ON 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

OTHER LENGHTES ON 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

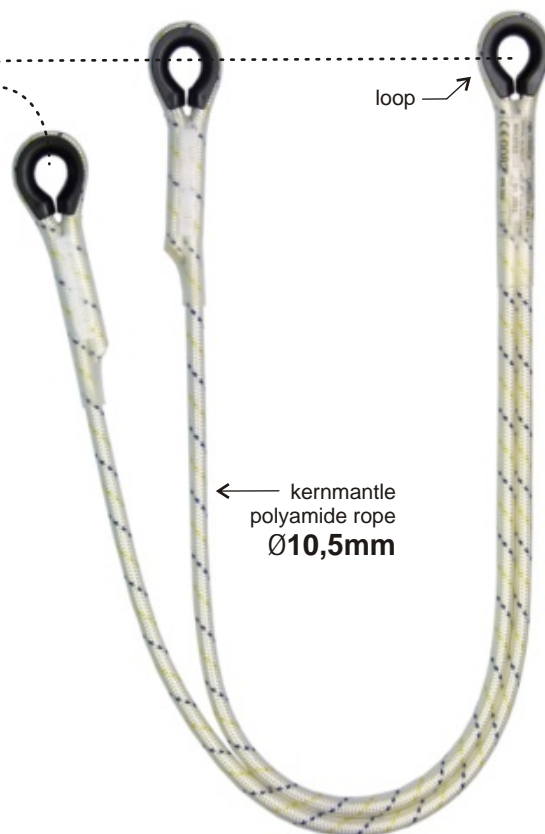
LB 102 15 15 - length 2 x 1,5m

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

OTHER LENGHTES ON 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

standard snap hook

AZ 002

galvanized steel
opening: 18 mm
weight: 220 g

loop

kernmantle
polyamide rope
Ø 12 mm

energy
dissipater

grab rope

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;

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

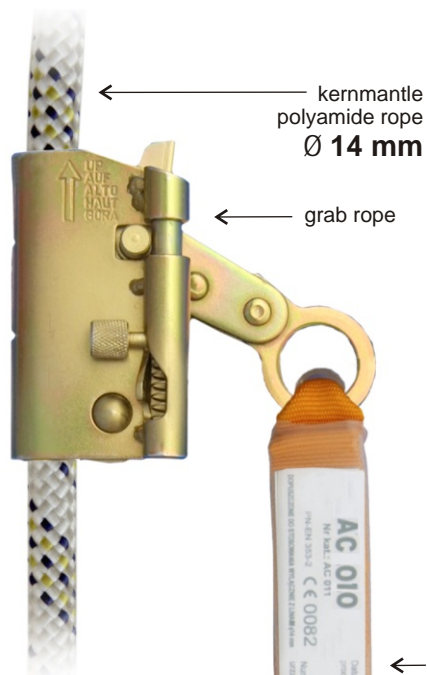
AZ 041T
aluminium
opening: 23 mm
weight: 100 g
twist lock

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



kernmantle
polyamide rope
Ø 14 mm

grab rope

energy
dissipater

rope grab + AZ 002

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



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.

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

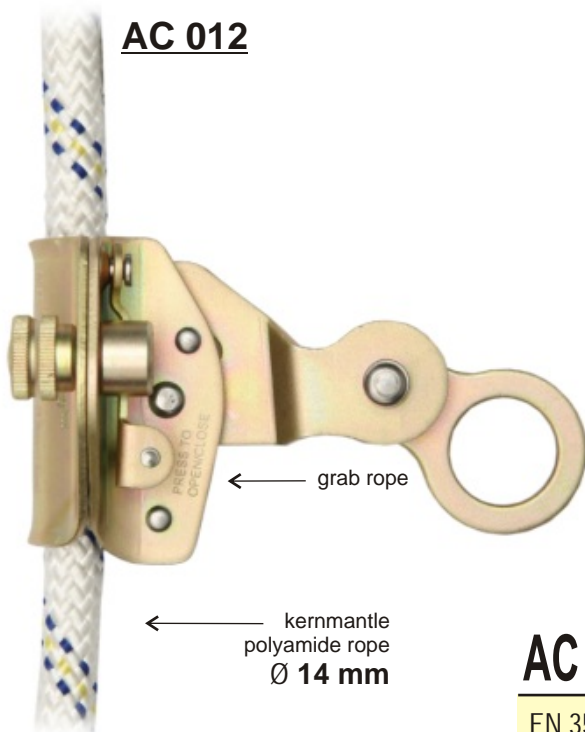
Ref.: AC 200 50 - length 50 m

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

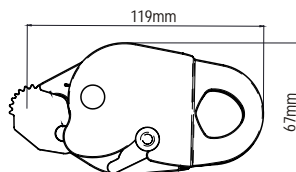
Ref.: AC 300 40 - length 40 m

Ref.: AC 300 50 - length 50 m

Other lenghtes on request.



kernmantle
polyamide rope
Ø 12 mm



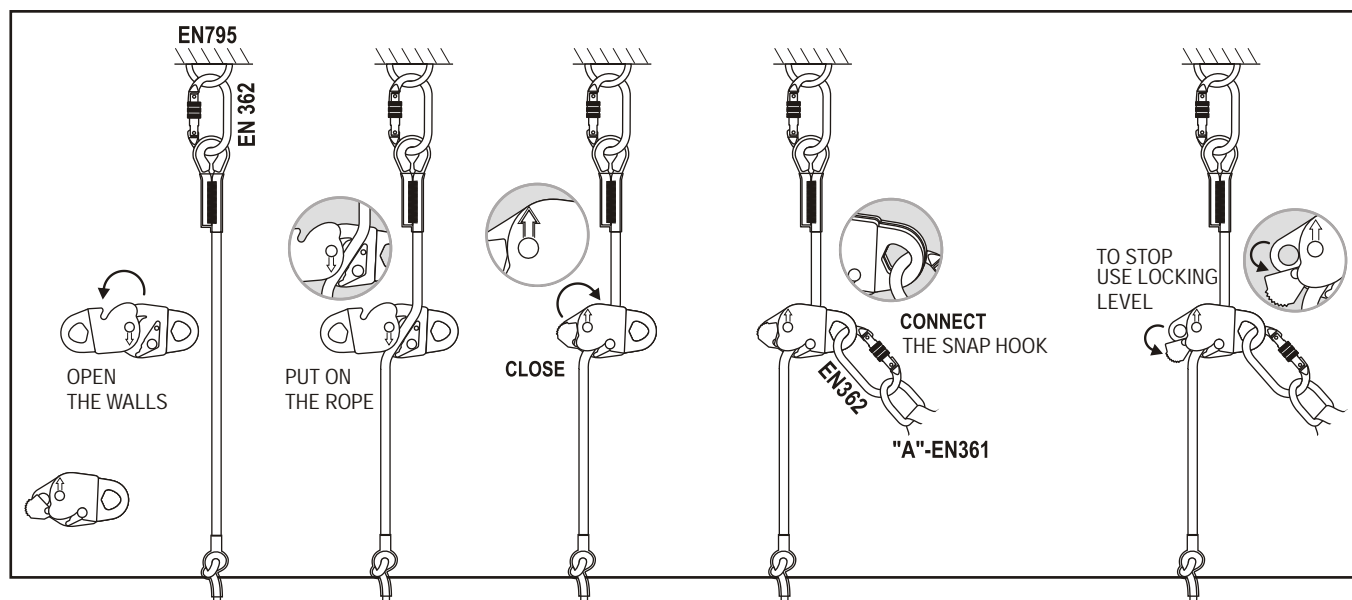
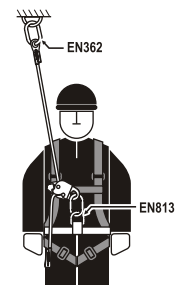
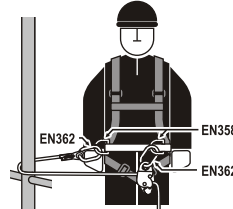
EN 12841



EN353-2

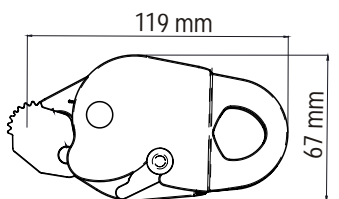


EN358



Fall arresters

on a flexible anchorage line



grab rope

100% aisi

kernmantle
polyamide rope
Ø 12 mm

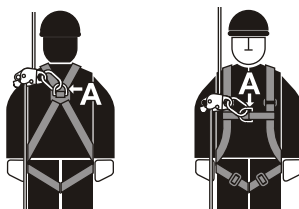
locking
level

AZ 011 INOX
AISI SNAP HOOK

EN 12841



EN353-2



AC 081

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

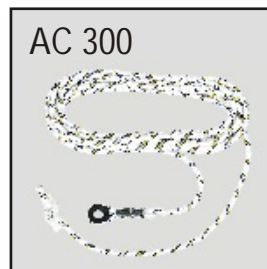
Ref.: AC 300 30 - length 30 m

Ref.: AC 300 40 - length 40 m

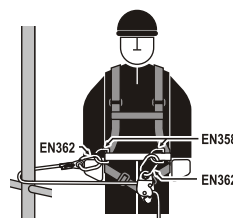
Ref.: AC 300 50 - length 50 m

Other lenghtes on request.

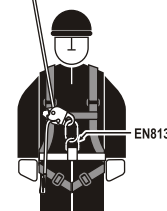
AC 300



EN358



EN362



EN795

EN 362

OPEN
THE WALLS

PUT ON
THE ROPE

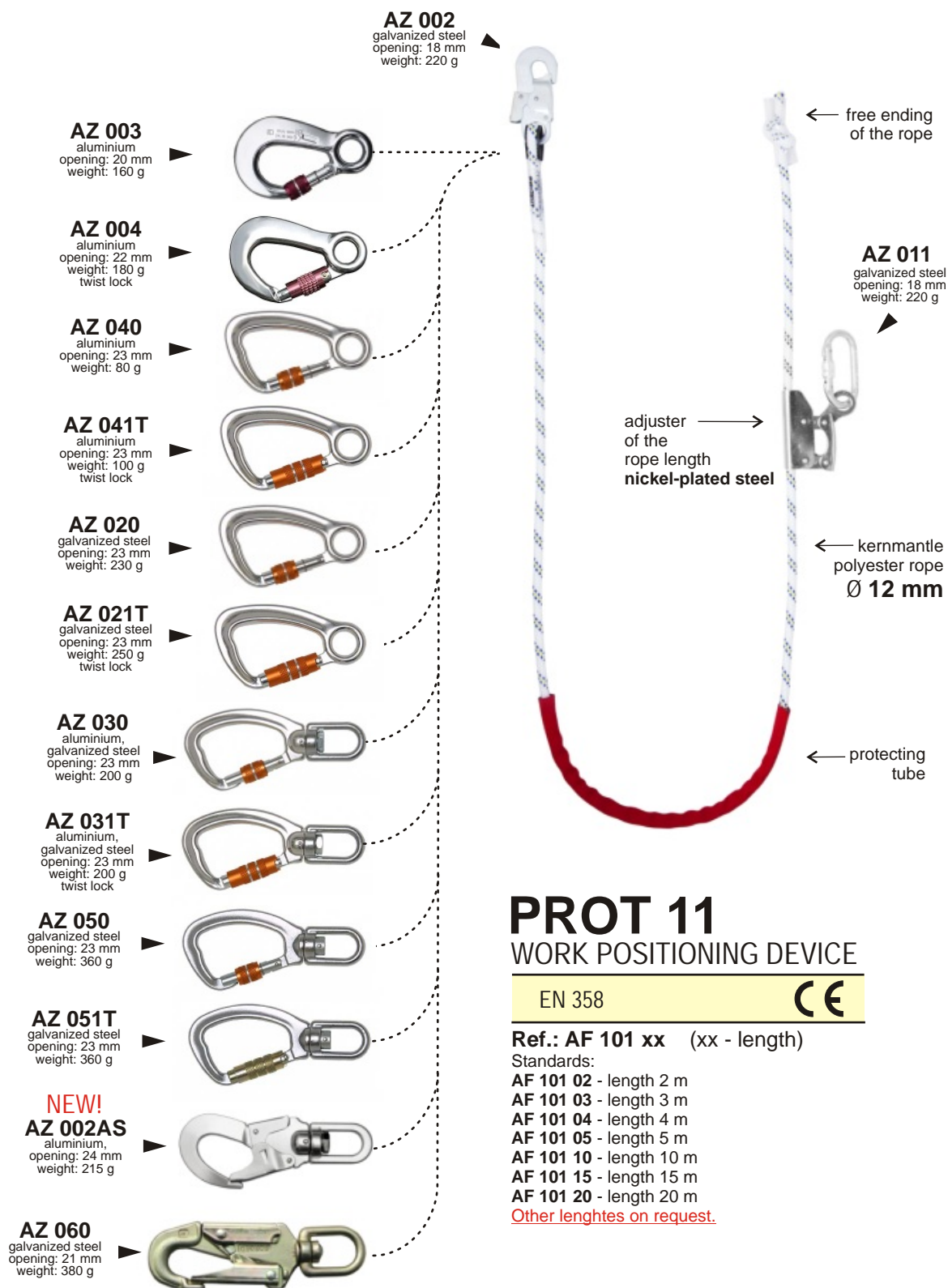
CLOSE

CONNECT
THE SNAP HOOK

"A"-EN361

TO STOP
USE LOCKING
LEVEL

Work positioning



PROT 11 WORK POSITIONING DEVICE

EN 358



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

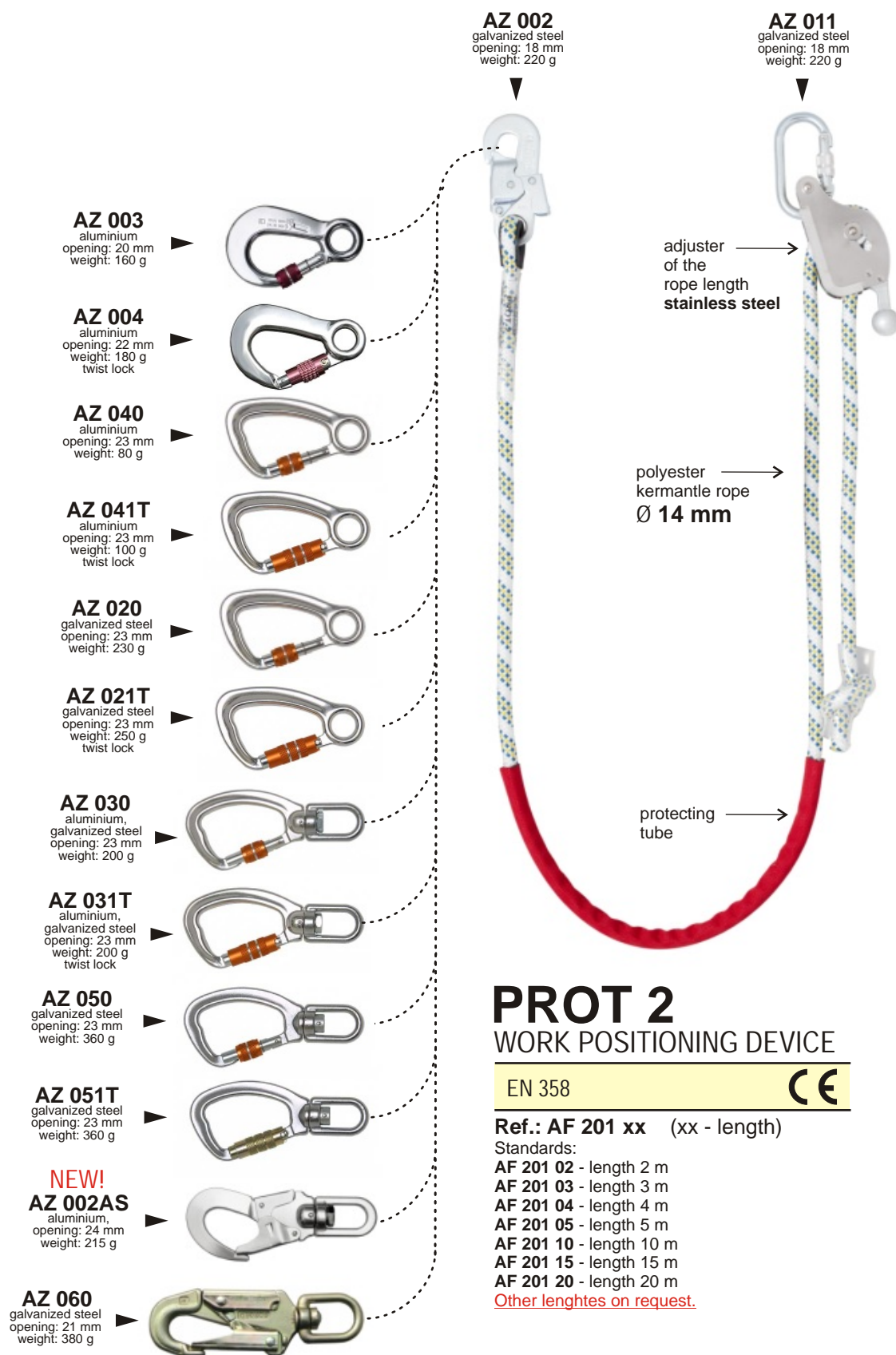
AF 101 10 - length 10 m

AF 101 15 - length 15 m

AF 101 20 - length 20 m

Other lenghtes on request.

Work positioning



PROT 2 WORK POSITIONING DEVICE

EN 358



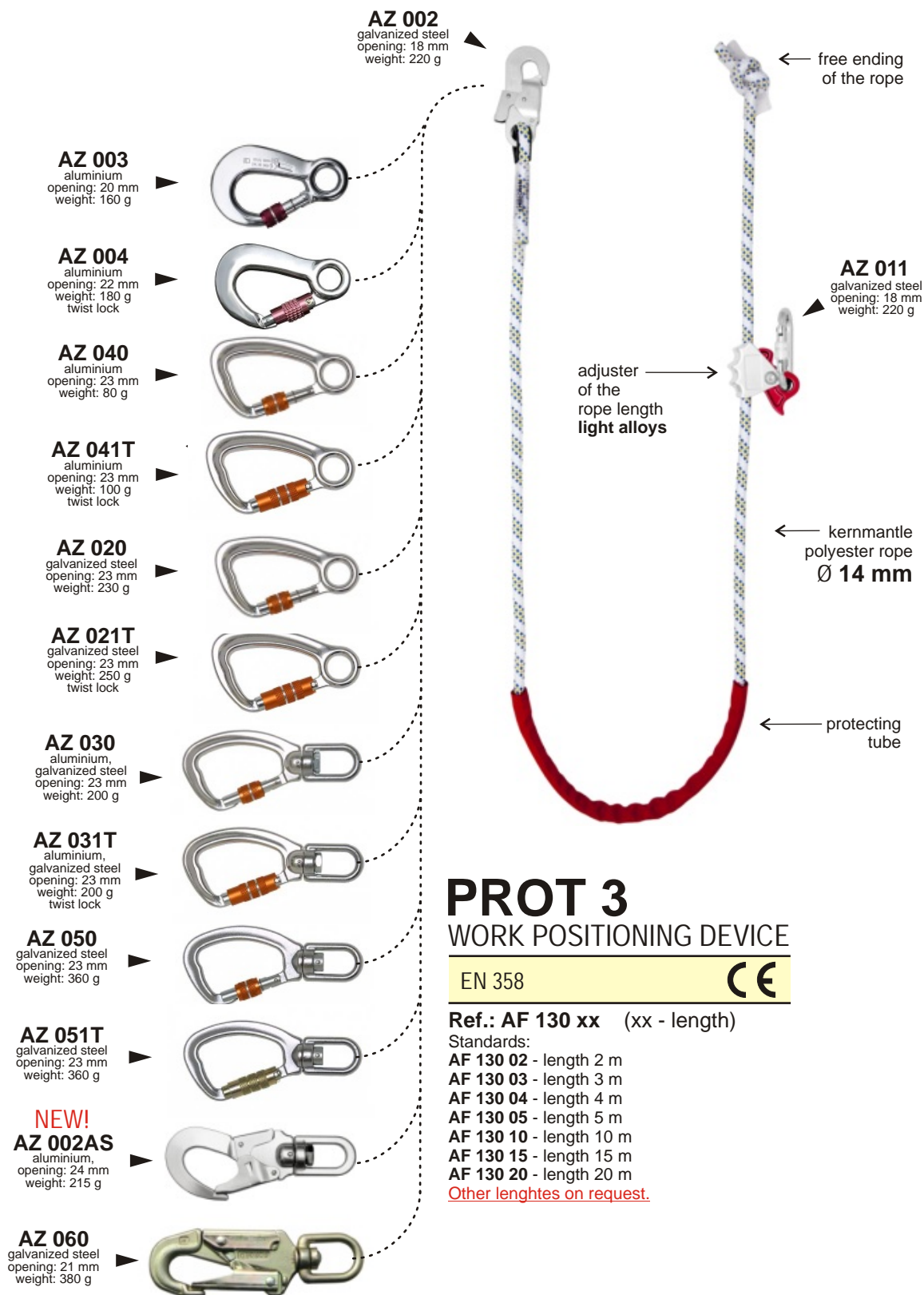
Ref.: AF 201 xx (xx - length)

Standards:

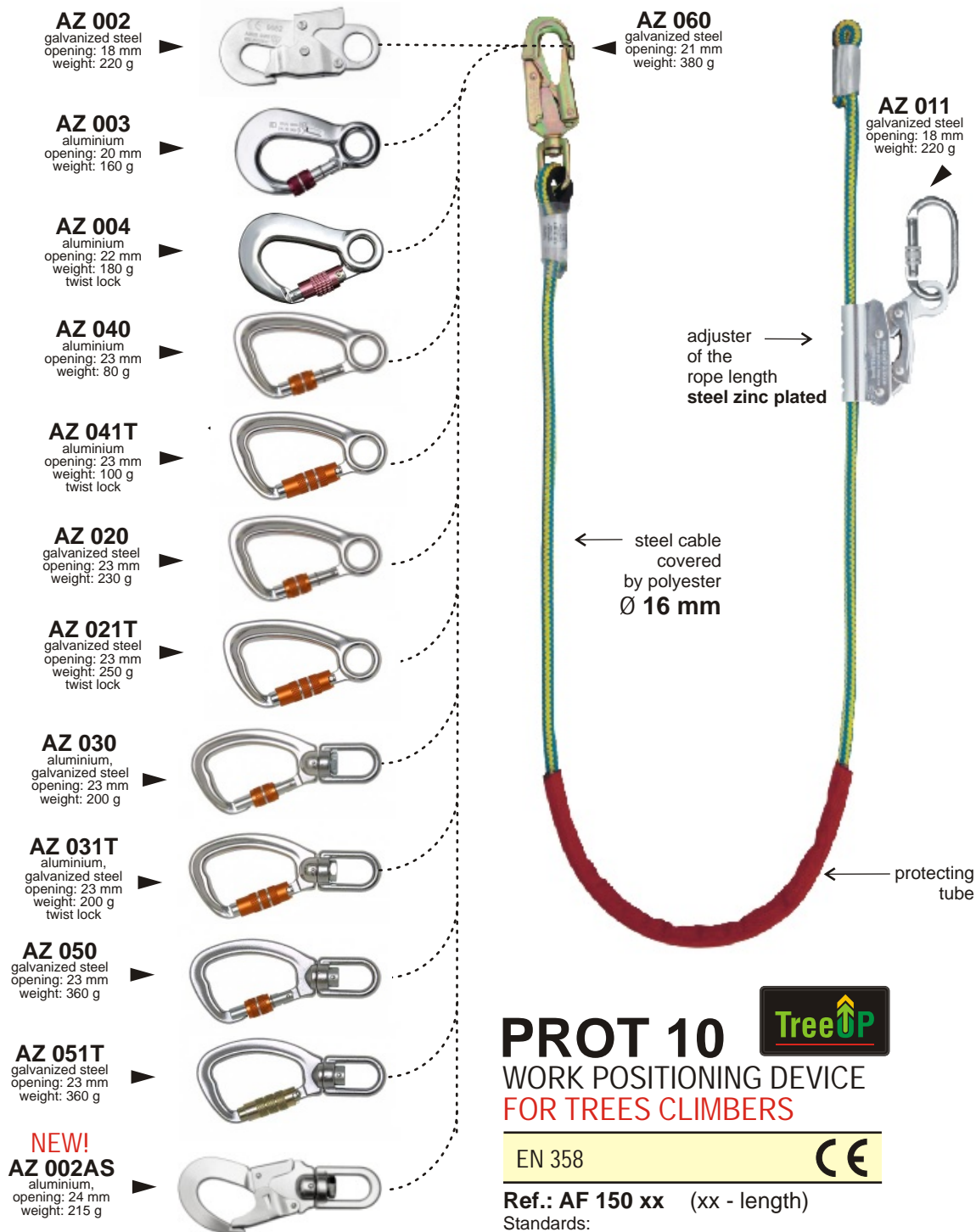
AF 201 02 - length 2 m
AF 201 03 - length 3 m
AF 201 04 - length 4 m
AF 201 05 - length 5 m
AF 201 10 - length 10 m
AF 201 15 - length 15 m
AF 201 20 - length 20 m

Other lenghtes on request.

Work positioning



Work positioning



PROT 10

WORK POSITIONING DEVICE FOR TREES CLIMBERS

EN 358



Ref.: AF 150 xx (xx - length)

Standards:

AF 150 20 - length 2 m

AF 150 30 - length 3 m

AF 150 40 - length 4 m

AF 150 50 - length 5 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

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

adjuster of the rope length
stainless steel

steel cable covered by polyester
Ø 16 mm

protecting tube

PROT 10s



WORK POSITIONING DEVICE
FOR TREES CLIMBERS

EN 358



Ref.: AF 151 xx (xx - length)

Standards:

AF 151 20 - length 2 m

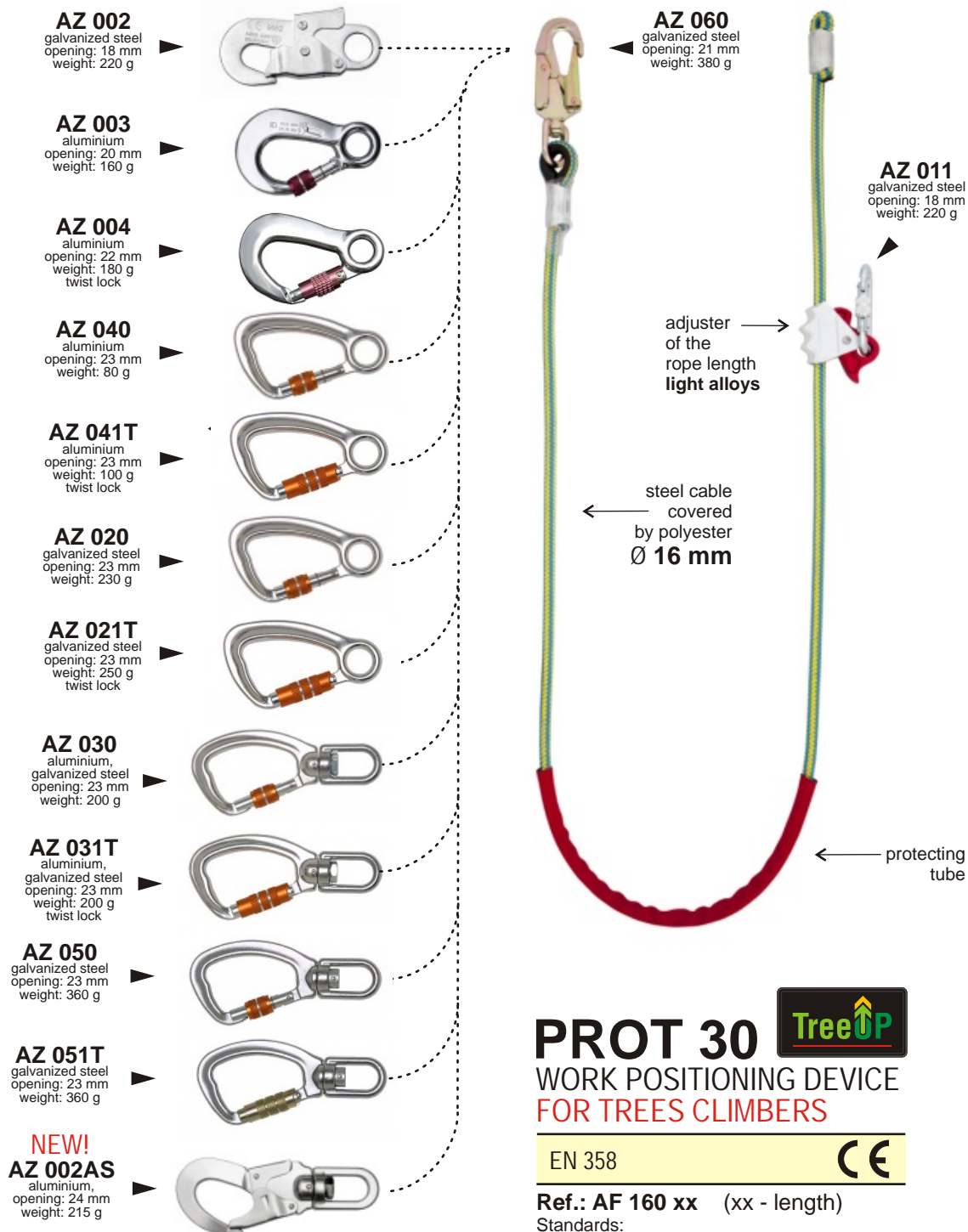
AF 151 30 - length 3 m

AF 151 40 - length 4 m

AF 151 50 - length 5 m

Other lenghtes on request.

Work positioning



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

← loop

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

adjuster of the rope length
chrome plated steel

← steel cable covered by polyester
Ø 11 mm

← protecting tube

PROT 40

**WORK POSITIONING DEVICE
FOR TREES CLIMBERS**

EN 358

Ref.: AF 140 xx (xx - length)
Standards:
AF 140 20 - length 2 m
AF 140 30 - length 3 m
AF 140 40 - length 4 m
AF 140 50 - length 5 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

connector
EN 362

adjuster
of the
rope length
light alloys

polyester
kernmantle rope
Ø 12 mm

free ending
of the rope

rope
protectin tube

PROT 4

WORK POSITIONING 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

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

connector
EN 362

adjuster
of the
rope length
stainless steel

free ending
of the rope

polyester
kernmantle rope
Ø 12 mm

rope
protectin tube

PROT 22

WORK POSITIONING 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

polyamide
twisted rope
Ø 16 mm

AZ 017T
galvanized steel
opening: 25 mm
weight: 200 g

adjuster
of the
rope length
light alloys

rope
protectin tube

PROT 6

WORK POSITIONING DEVICE

EN 358
CE

Ref.: AF 106 xx (xx - length)

Material:
aluminium and twisted polyamide rope 16 mm.
AZ017T intergated with mechanism.

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 WORK POSITIONING 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 030
aluminium,
galvanized steel
opening: 23 mm
weight: 200 g

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

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

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

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

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

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

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

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



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



← limiter
of rope
with a thimble

← steel rope
braided
by polyester
Ø 11,4 mm

← rope
protectin tube

NEW
TU 010



**WORK POSITIONING DEVICE
FOR TREES CLIMBERS**

EN 358



Ref.: TU 010 xx (xx - length)

Material: polyester braided steel rope 11,4 mm

Standards:

TU 010 200 - length 2 m

TU 010 300 - length 3 m

TU 010 400 - length 4 m

TU 010 500 - length 5 m

Other lenghtes on request.

Work positioning



NEW

TU 011



WORK POSITIONING DEVICE
FOR TREES CLIMBERS

EN 358



Ref.: TU 011 xx (xx - length)

Material: polyester braided steel rope 11,4 mm

Standards:

TU 011 200 - length 2 m

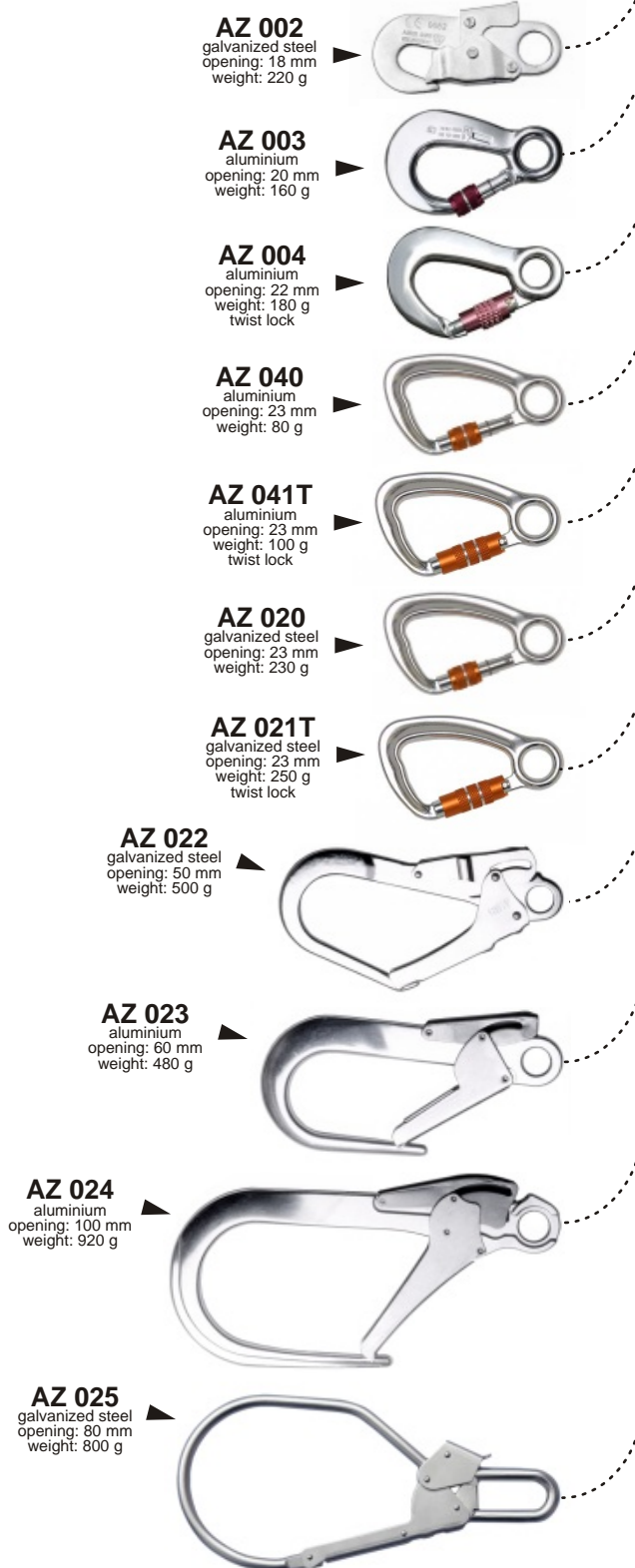
TU 011 300 - length 3 m

TU 011 400 - length 4 m

TU 011 500 - length 5 m

Other lenghtes on request.

Work positioning



AF 500 WORK POSITIONING LANYARD

EN 358



Ref.: AF 500

AF 500 16 - length 1,6m

AF 500 20 - length 2,0m

OTHER LENGHTES ON REQUEST

Material: Poliester

Work positioning

AZ 600

WORK POSITIONING 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

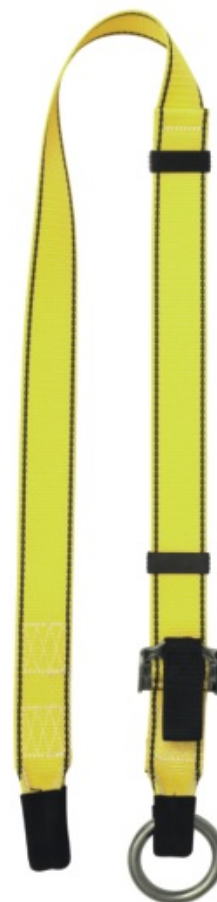
Width of tape: 40mm

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)

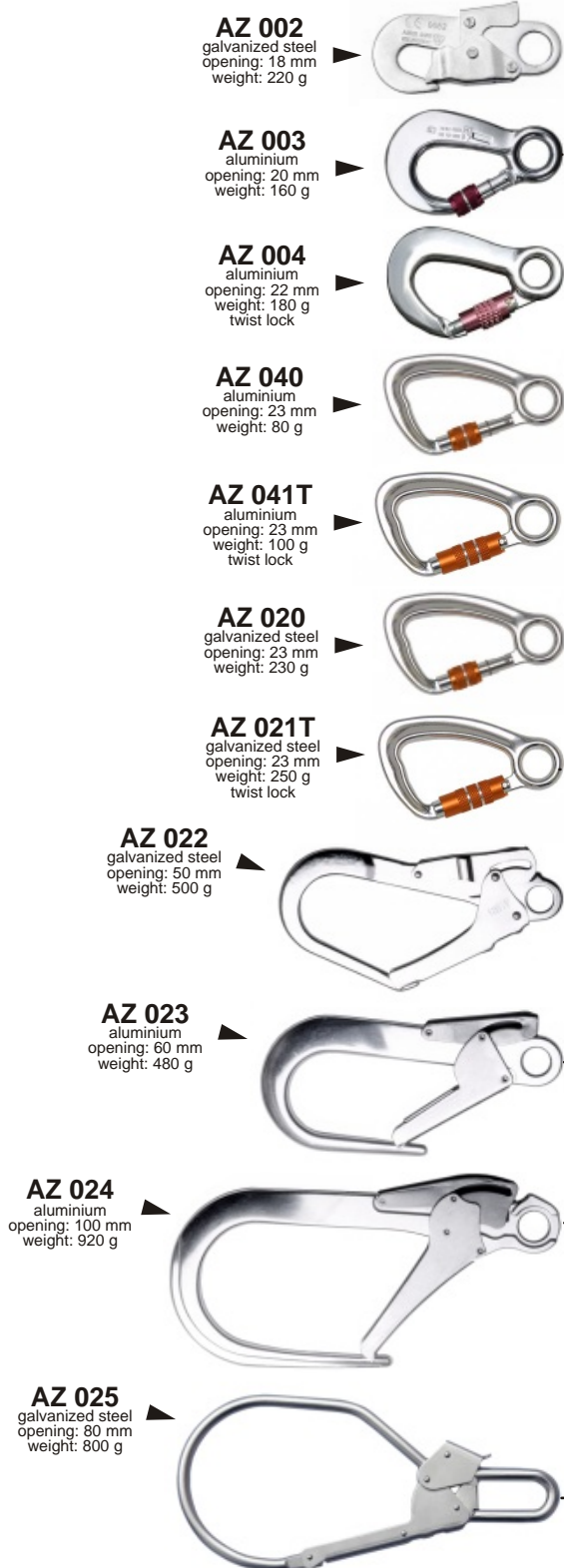
Static strength: 15 kN

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.

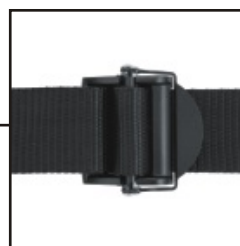


Work positioning

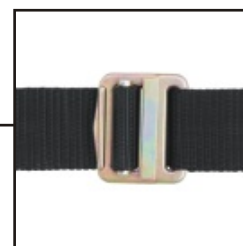


AF 610

AF 600



alu buckle



steel buckle

AF 600, AF 610 WORK POSITIONING LANYARD

EN 358



Ref.: AF 600, AF 610

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

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

OTHER LENGHTES ON 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 one attaching point for sitting position.

Size: M-XL - 990g

XXL - 1020g



PB-31

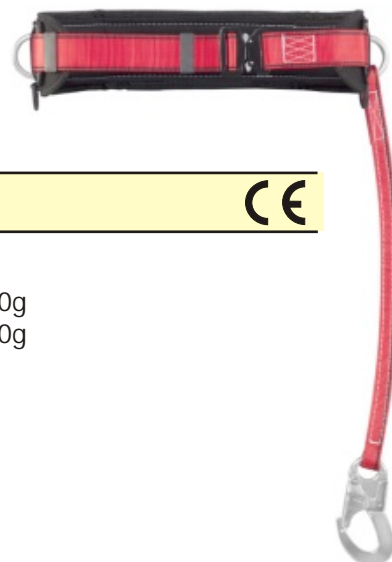
fireman belt

EN 358



Size: M-XL - 900g

XXL - 1000g



Work positioning

TH-020 work positioning belt **FOR TREES CLIMBERS**

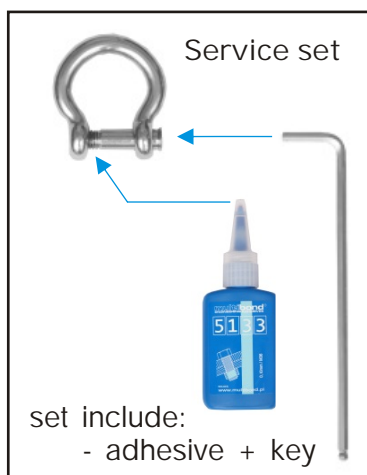


EN 358, EN 813



Ref.: TH 020

Belt with two side attaching buckles.
Size: M-XL - 1450g
XXL - 1490g



TH-050 work positioning belt **FOR TREES CLIMBERS**



EN 358, EN 813



Ref.: TH 050

Belt with two side attaching buckles.
Automatic alu buckle.
Size: M-XL - 2500g
XXL - 2600g



TH-030 work positioning belt **FOR TREES CLIMBERS**



EN 358, EN 813



Ref.: TH 030

Belt with two side attaching buckles.
Automatic alu buckle.
Size: M-XL - 1780g
XXL - 1820g



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

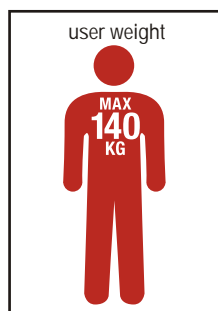
Weight:

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 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

CR 241

steel cable retractor

NEW!

EN 360



Ref.: CR 241 06 - cable length 6m

Ref.: CR 241 10 - cable length 10m

Ref.: CR 241 12 - cable length 12m

Ref.: CR 241 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

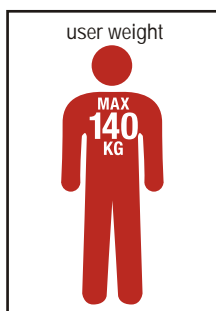
Weight:

CR 241 06 - weight 4,60kg

CR 241 10 - weight 4,85kg

CR 241 12 - weight 5,10kg

CR 241 15 - weight 5,70kg



4mm galvanized steel cable with handle

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

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

CR 245

steel cable retractor

NEW!

EN 360



Ref.: CR 245 06 - cable length 6m
Ref.: CR 245 08 - cable length 8m
Ref.: CR 245 11 - cable length 11m

Built in brake with energy dissipating mechanism inside durable plastic housing.
Inside mechanism made of stainless steel.

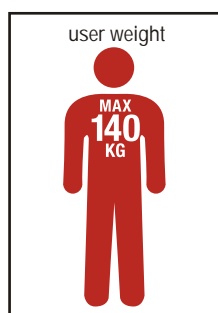
Static strength: not less 12kN
Braking force: less than 6kN

Weight:

CR 245 06 - weight 4,12kg

CR 245 08 - weight 4,25kg

CR 245 11 - weight 4,45kg



SWIVEL SNAP HOOKS



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



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



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



plastic case

5mm galvanized steel cable with handle

ear for anchoring with a built in swivel

handle for transporting
Warning: do not use for anchoring!

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

Fall arresters

retractable type

CRW 200

NEW!

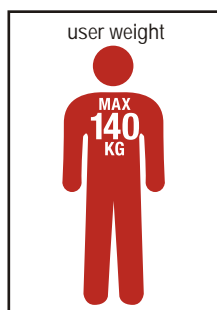
retractable type fall arrester with rescue lifting device

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



AZ 002ASI

with indicator
aluminium,
galvanized steel
opening: 24 mm
weight: 220 g

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

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: 140 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 HOOKS



AZ 030

aluminium,
galvanized steel
opening: 23 mm
weight: 200 g



AZ 031T

aluminium,
galvanized steel
opening: 23 mm
twist lock
weight: 200 g



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

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

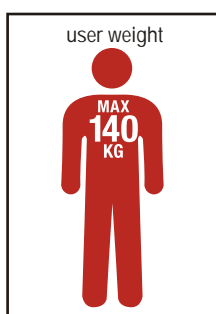
Weight:

CR 200 06 - weight 5,10kg

CR 200 10 - weight 5,30kg

CR 200 12 - weight 5,90kg

CR 200 15 - weight 6,10kg



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

SWIVEL SNAP HOOKS

grey & black



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 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

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

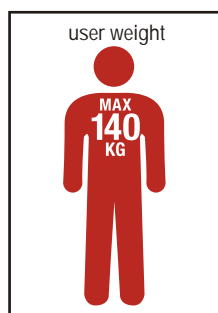
Weight:

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 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

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

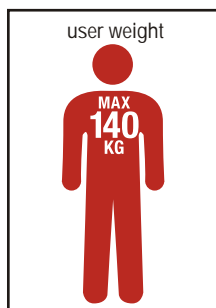
Weight:

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

WEBBING RETRACTOR 6 m

EN 360



Ref.: WR 100 06 - working length 6 m

Dimensions: 160 x 70 x 230 mm

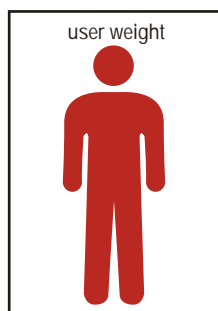
Locking after conditioning: (+50)°C; (-30)°C; wet.

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

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

ADVANTAGES:

- Double swivel!



plastic case

swivel eye
anchor type
hot forged
alu alloy 7075 T6

swivel eye

polyester-kevlar
webbing
width 17mm

fall indicator

opening 24 mm

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

Fall arresters

retractable type

WR 100

WEBBING RETRACTOR 6 m

EN 360



Ref.: WR 100 06 - working length 6 m

Dimensions: 160 x 70 x 230 mm

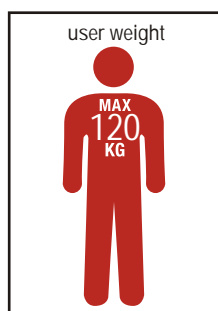
Locking after conditioning: (+50)°C; (-30)°C; wet.

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

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

ADVANTAGES:

- Double swivel!
- snap hook AZ 011



Fall arresters

retractable type

WR 200

WEBBING RETRACTOR

EN 360



Ref.: WR 200 06 - webbing length 6m

Dimensions: 208 x 85 x 280 mm

Weight: 4,70kg

Max. user weight: 120 kg

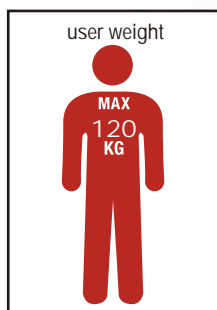
plastic case

holder / anchor point



polyester-kevlar webbing
width 20 mm
length 6 m.

user weight



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

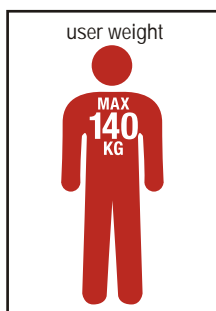


AZ 060I
with indicator
galvanized steel
opening: 21 mm
weight: 380 g



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

plastic case

holder / anchor point



zinc galvanized
steel cable
Ø 4 mm

AZ 002ASI

with indicator
aluminium,
galvanized steel
opening: 24 mm
weight: 220 g

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

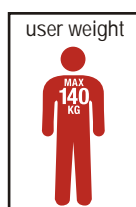
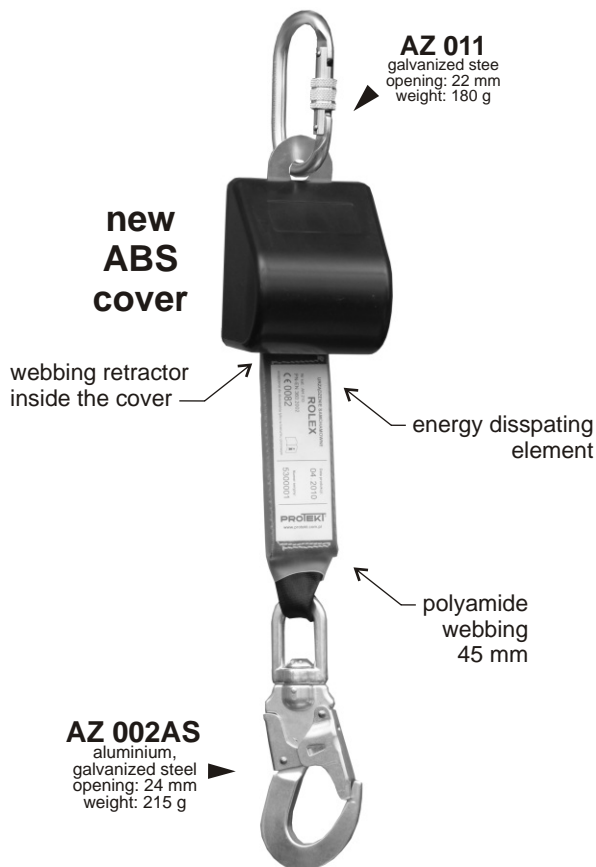
with indicator
galvanized steel
opening: 21 mm
weight: 380 g



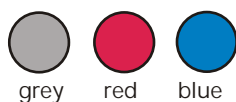
Fall arresters

retractable type

Ref.: AH 210



available colors



ROLEX WEBBING RETRACTOR

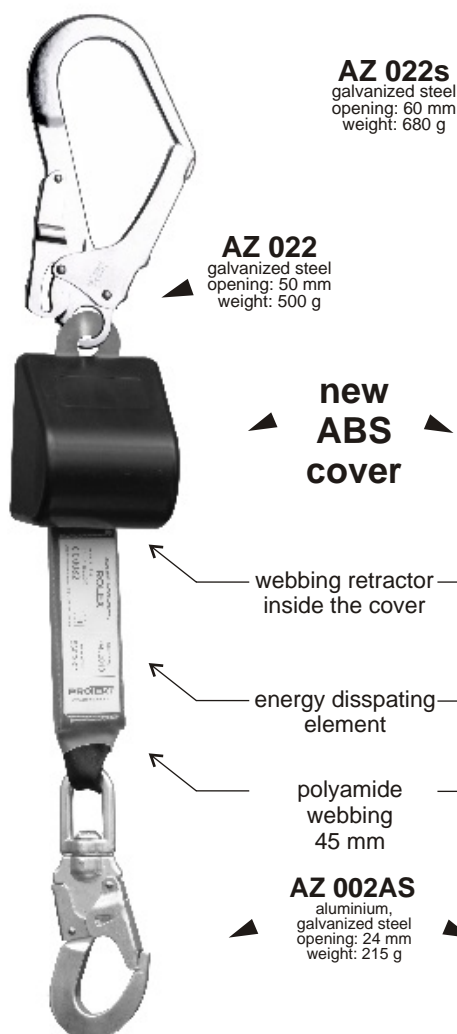
EN 360



- 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 220

ROLEX + AZ 022



Ref.: AH 220s

ROLEX + AZ 022s



Fall arresters

retractable type

WR 025

RETRACTABLE TYPE FALL ARRESTER

EN 360 + HORIZONTAL USE ACC. TO 11.054



Ref.: WR 025

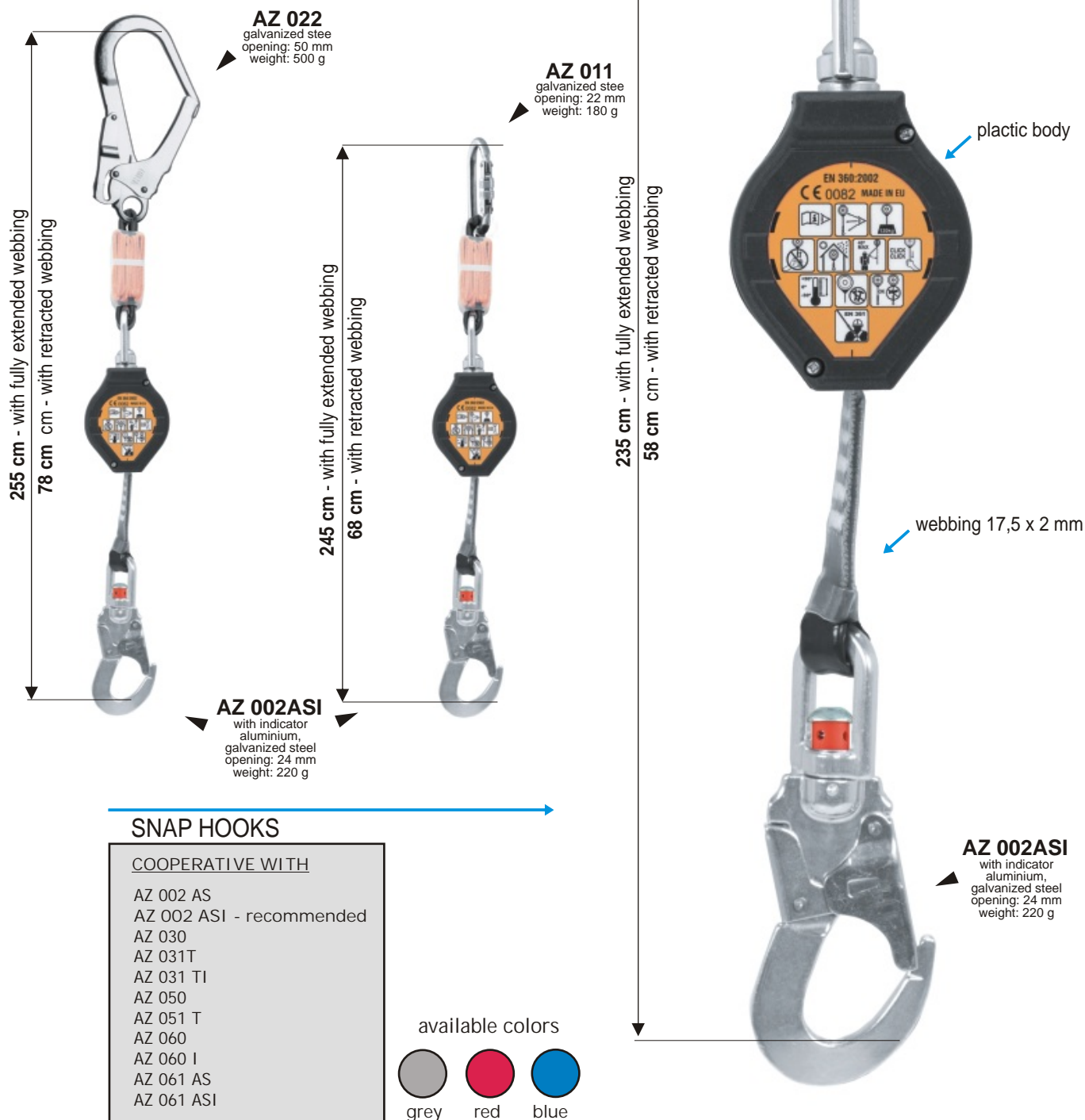
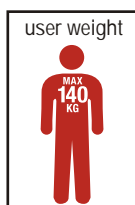
Length: 2,35m

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

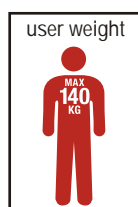
Braking force: less than 6 kN

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



Retractors

SNAP HOOKS

COOPERATIVE WITH

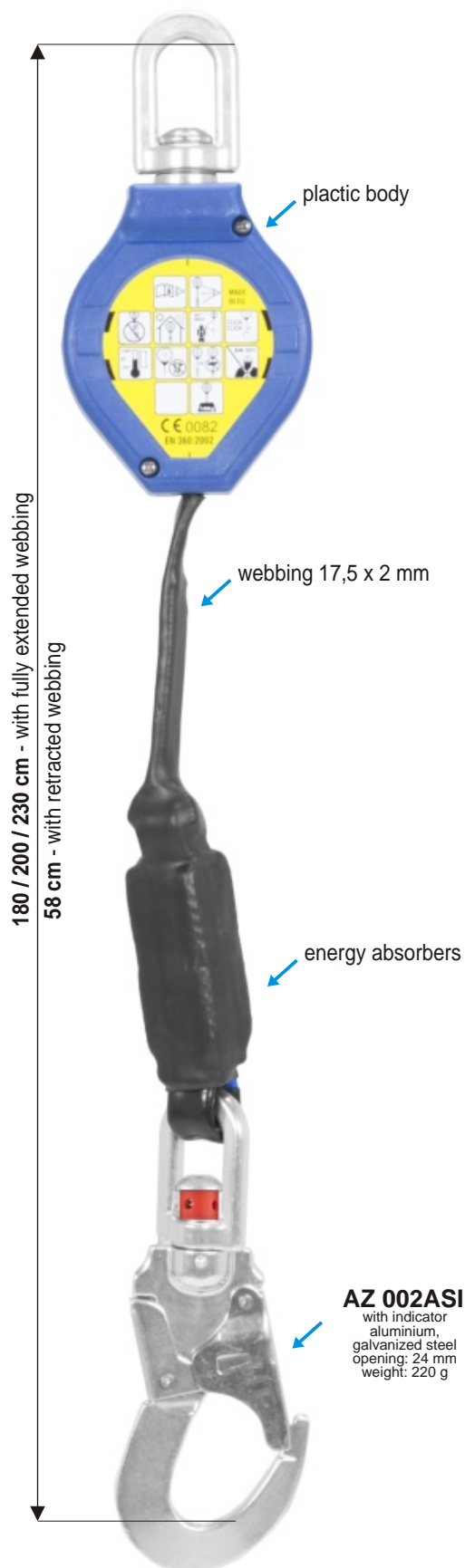
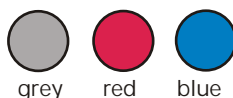
AZ 002 ASI - recommended

AZ 030

AZ 031T

AZ 031 TI

available colors



Fall arresters

retractable type

CR 030

STEEL CABLE RETRACTOR

EN 360



Ref.: CR 030

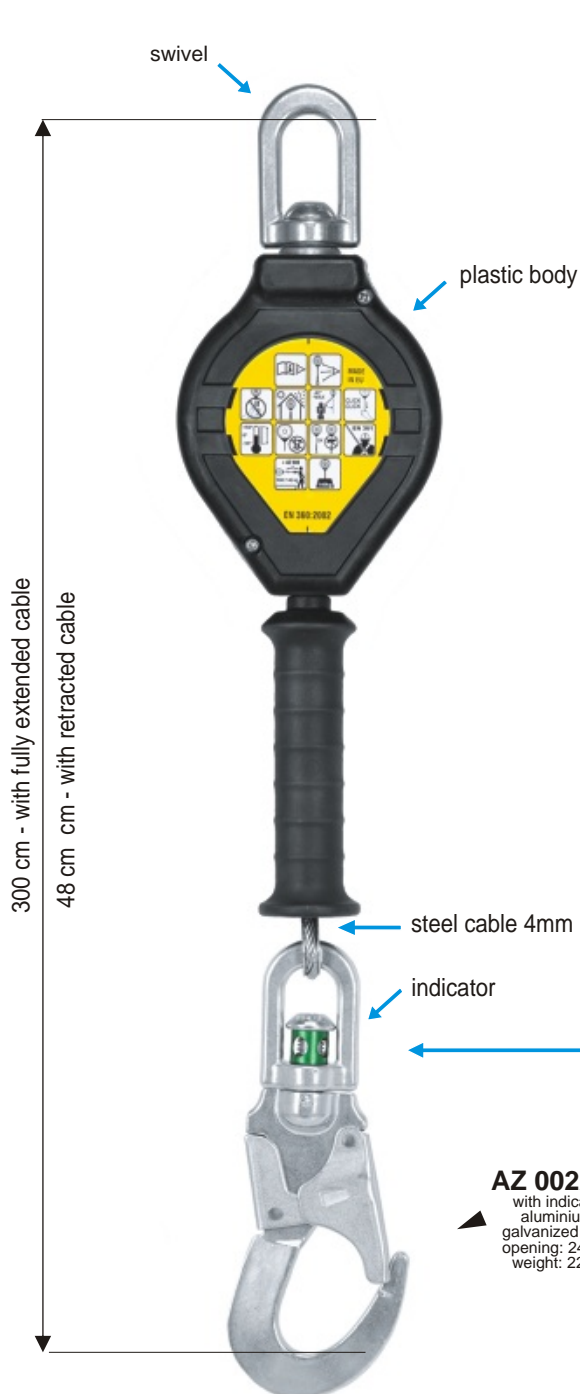
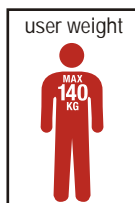
Max. working length: 3m

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

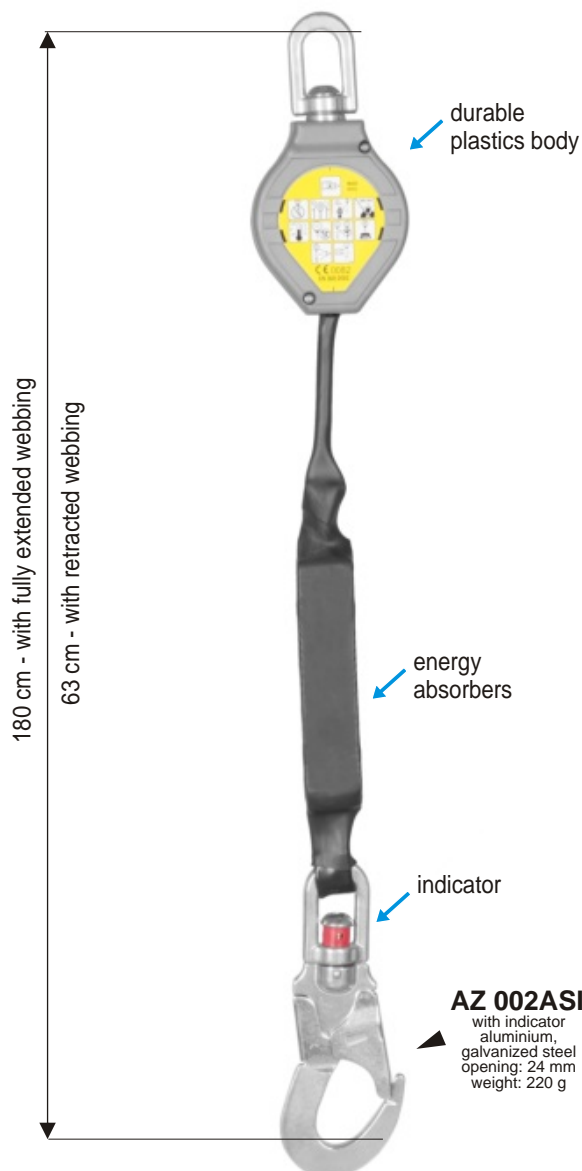
Static strength: 15 kN

Braking force: less than 6 kN

user weight



WR 040 double version



FALL FACTOR 2



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

available colors



grey

red

blue

Mobile man anchor

IM 200

EN 795 E



Ref.: IM 200

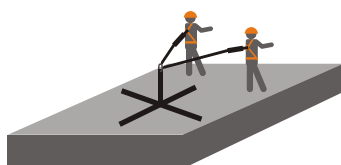
Material: fire zinc galvanized steel

12 units per set

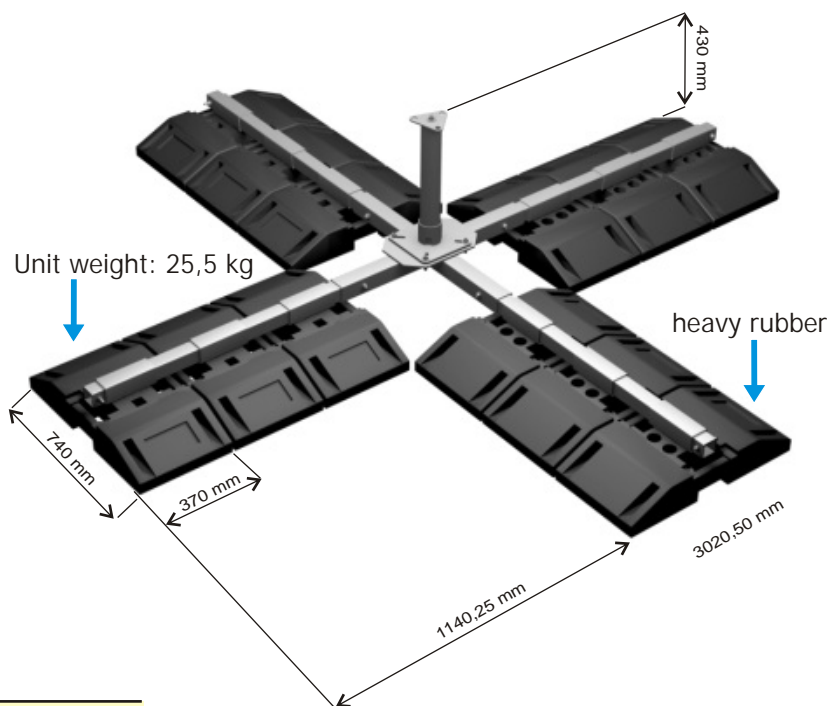
Destiny: for 2 person



TOTAL WEIGHT: 374 kg



Destiny: for 2 person



IM 100

EN 795 E



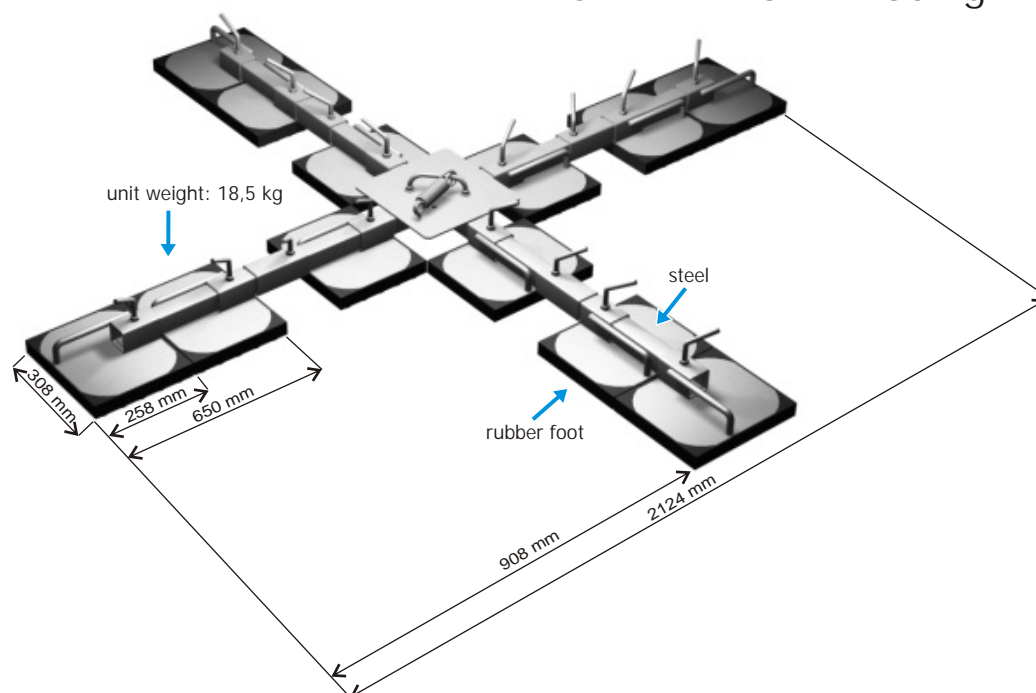
Ref.: IM 100

Material: fire zinc galvanized steel

12 units per set

Destiny: for 1 person

TOTAL WEIGHT: 260 kg



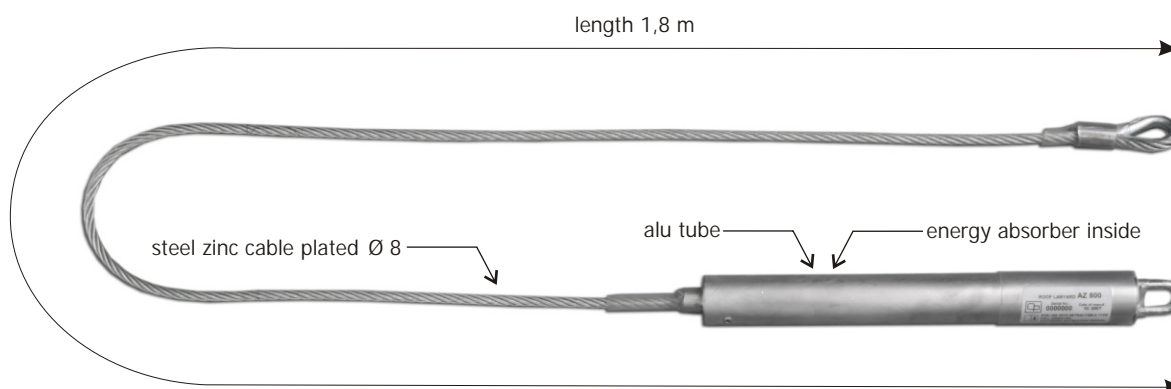
Fall arresters

retractable type

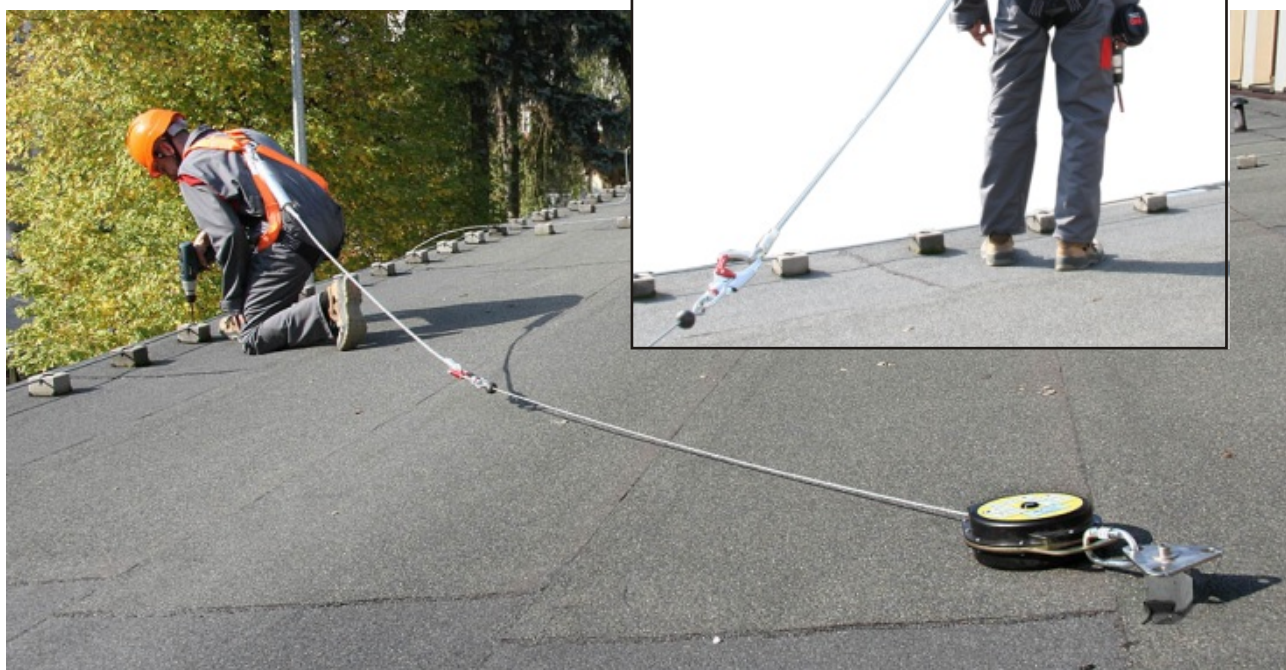
AZ 800

ROOF LANYARD FOR HORIZONTAL
USE CR 200 and CR 300

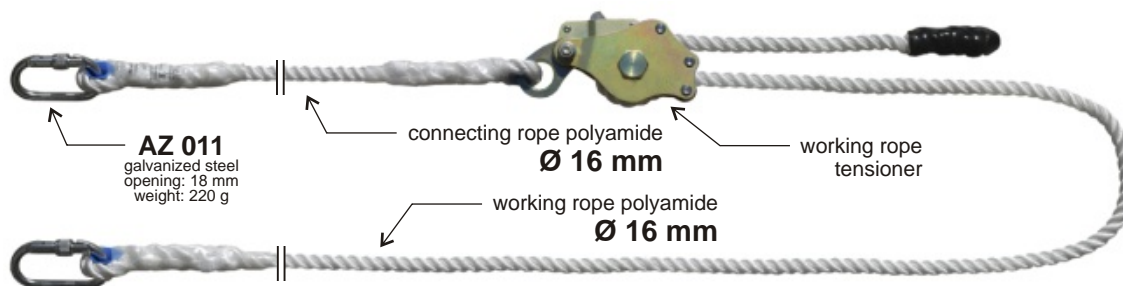
EN 360 According to new regulation - PPE Directive's
89/686/EEC Proposal for Enquiry CNB/11.60.



APAVE permission only with
CR 200 and CR 300 certificates.

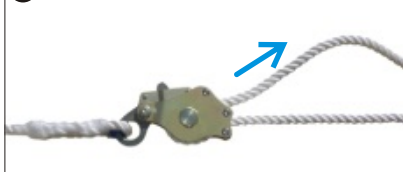


Horizontal lifelines



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

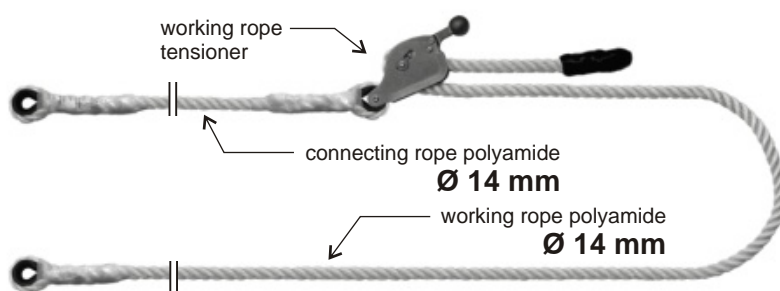
EN 795



Ref.: AE 300 10 - device length 10 m

Ref.: AE 300 20 - device length 20 m

Other lengths on request.



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



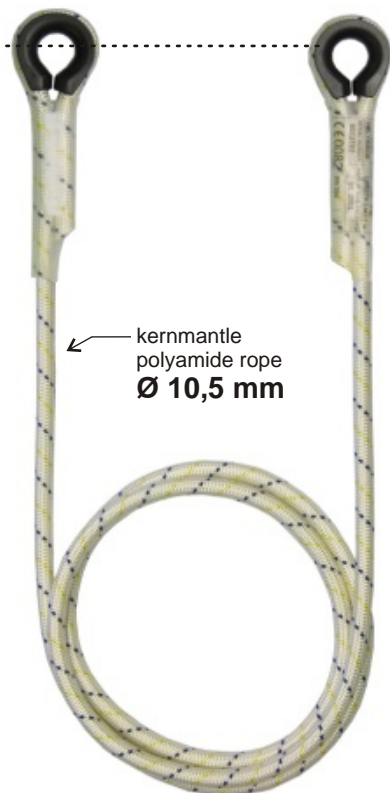
AZ 024
aluminium
opening: 100 mm
weight: 920 g



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



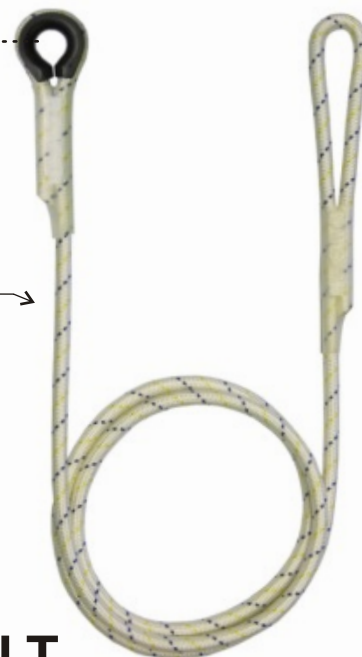
AZ 024
aluminium
opening: 100 mm
weight: 920 g



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

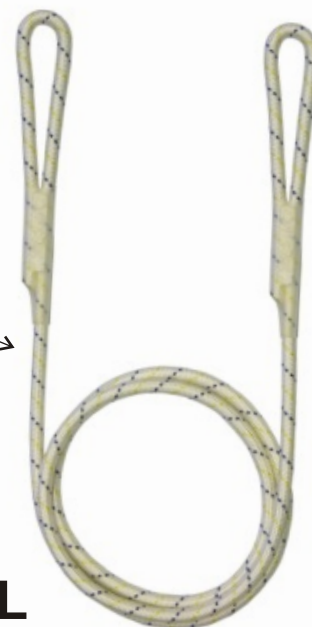
LP 100 15 LT - length 15m

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



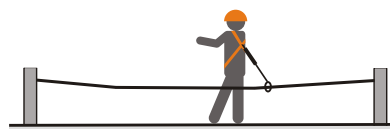
Ref.: LP 200 FLR (xx - length)

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

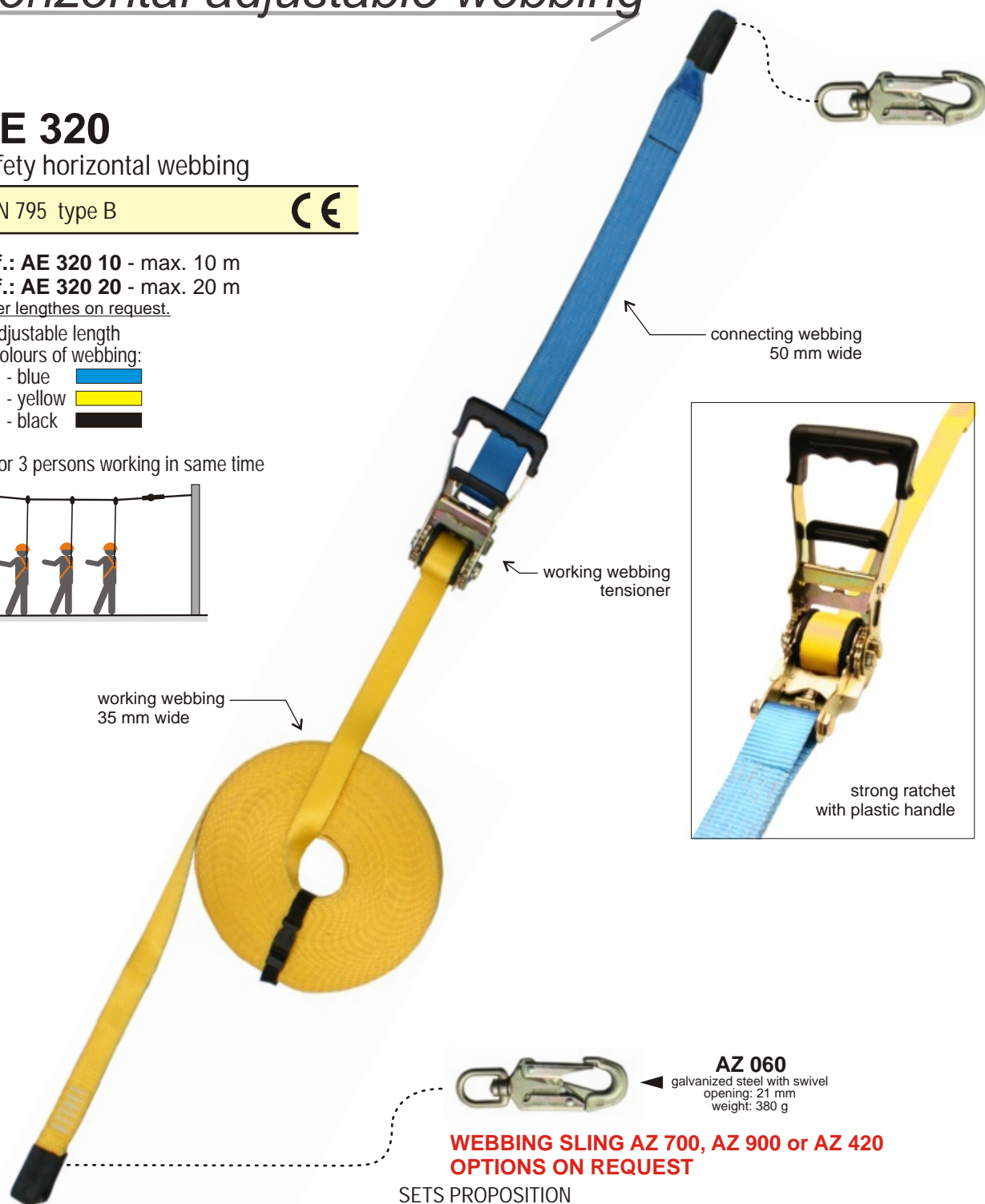
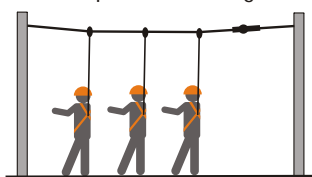
2. Colours of webbing:

- blue

- yellow

- black

3. For 3 persons working in same time



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

SETS PROPOSITION

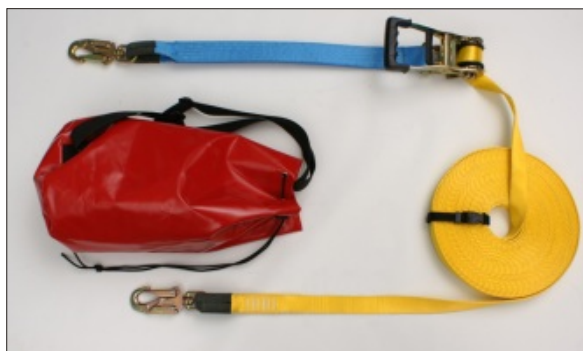
Sewed bag for AE 320 - sewed to connecting webbing

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

COVER THE EDGES

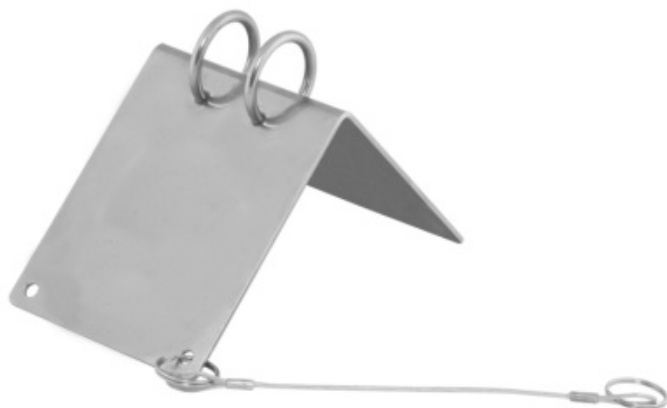


Ref.: AX 902

Dimensions: 120 x 175,5 mm

Weight: 0,85kg

Material: stainless steel



AX 903

COVER THE EDGES



Ref.: AX 903

Dimensions: 180 x 175,5 mm

Weight: 1,30kg

Material: stainless steel



Lanyard edges protector

AX 904

COVER THE EDGES



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

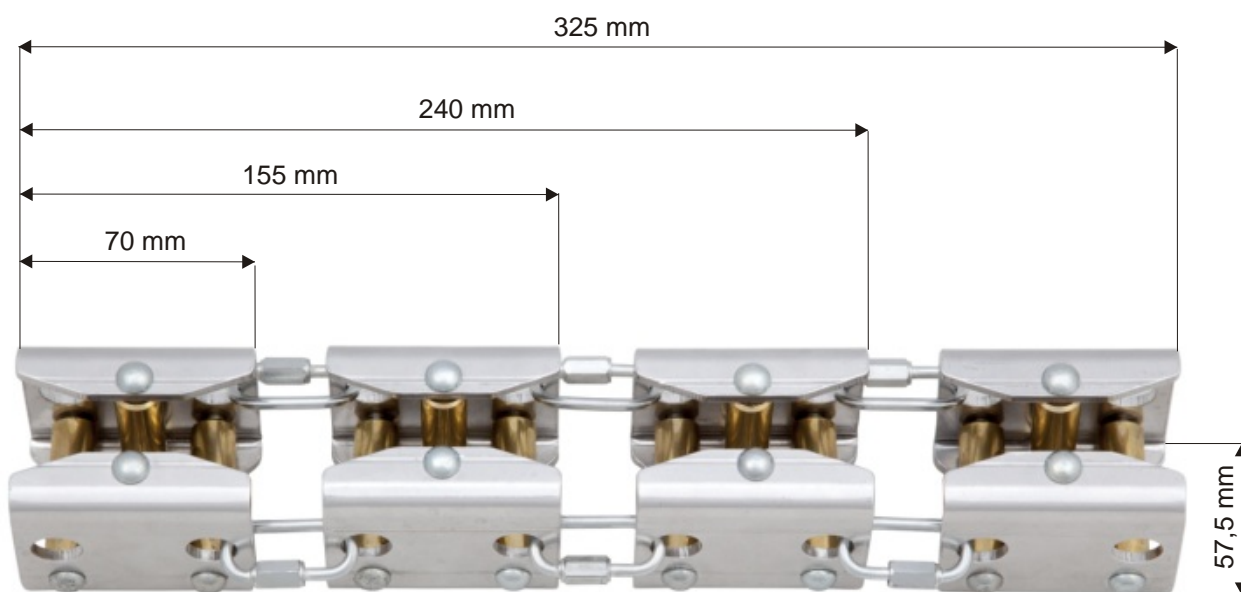
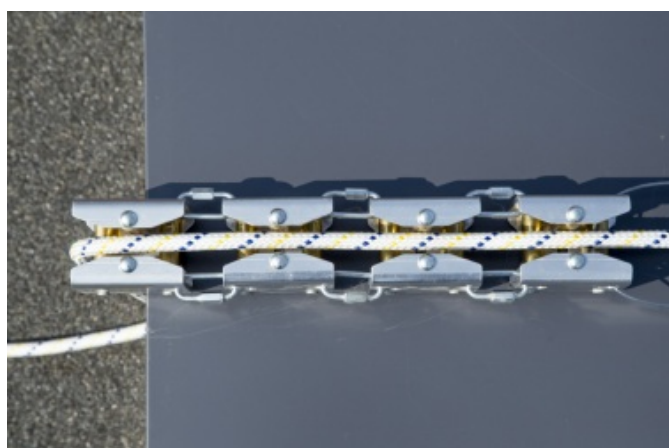
AX 904 04 - set of 4 modules

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

COVER THE EDGES



Ref.: AX 905

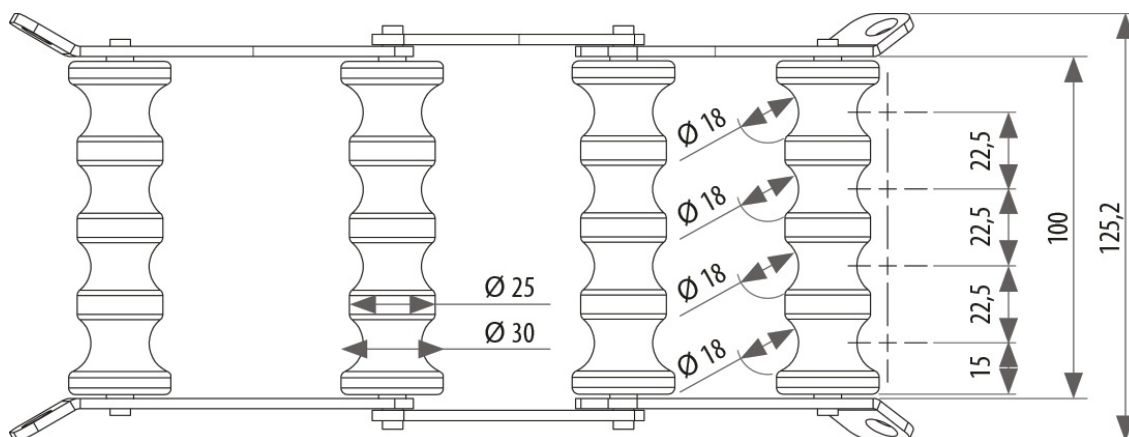
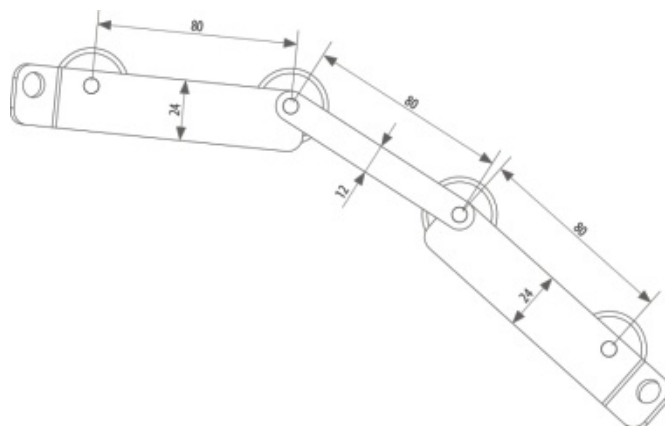
Parameters:

weight: 0,62 kg

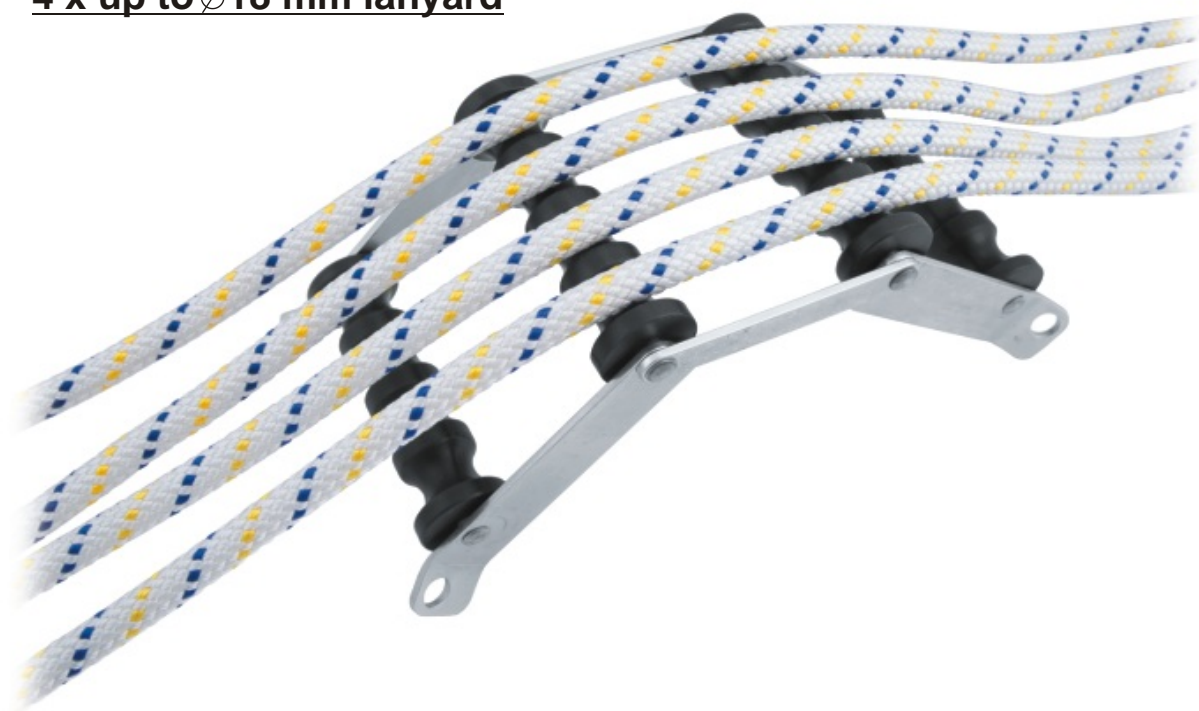
Lmax = 300 mm

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

COVER THE EDGES



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

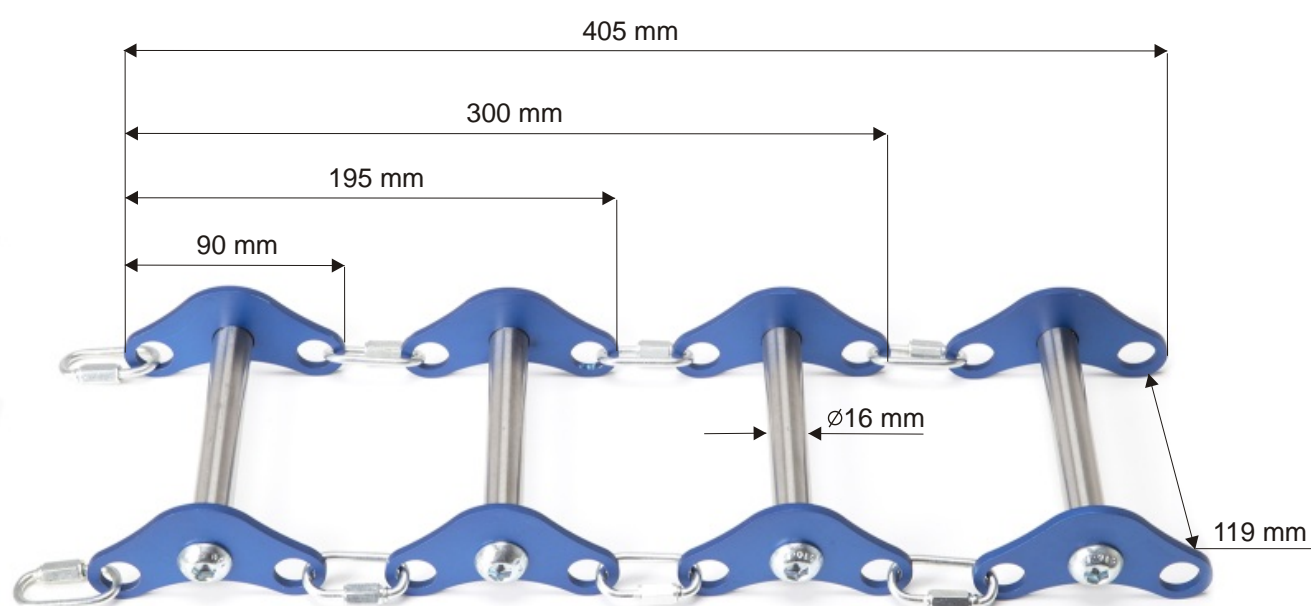
Lmax = 405 mm

Material: aluminum, stainless steel

Application: Steel or concrete structural beams with sharp edges.



Lanyard edges protector



Permanent anchor poin

AT 182-1

PERMANENT ANCHOR POINT

EN 795 type A



Ref.: AT 182-1

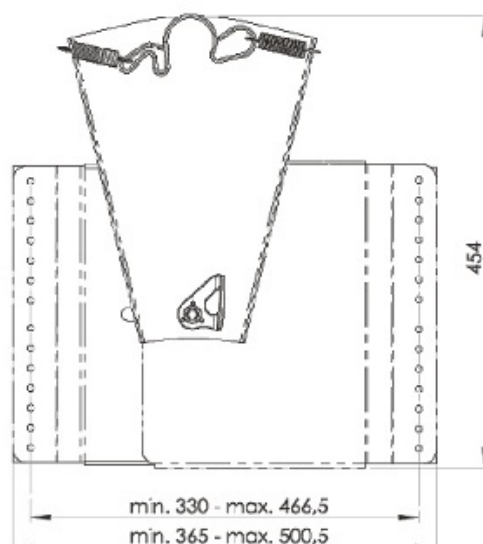
Weight: 4,5kg

Material: stainless steel - AISI 304

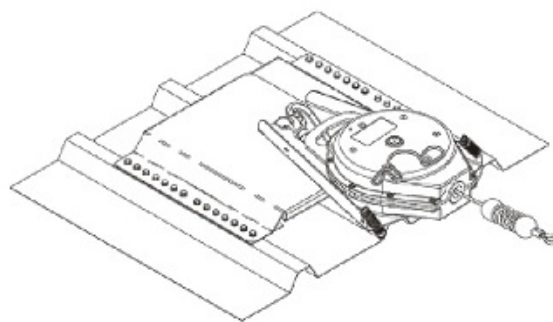
Static strength: 12 kN

Fixing hole: 12,5 mm

Protection for one person.



AT 182-01 + CR 200 + AZ 011



AT 182-2

PERMANENT ANCHOR POINT

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 ANCHOR POINT

EN 795 type A

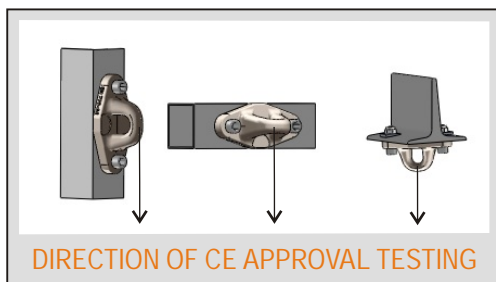


Ref.: AT 150

Dimensions: 135 x 60 x 60mm

Weight: 0,30kg

Material: Light alloy



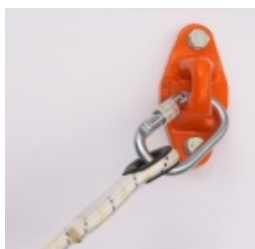
DIRECTION OF CE APPROVAL TESTING



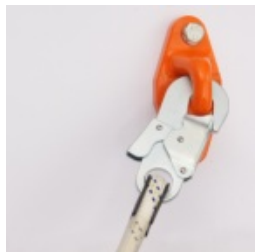
orange, yellow, silver - colours available now



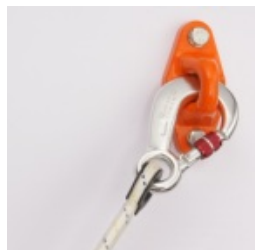
other colours on request



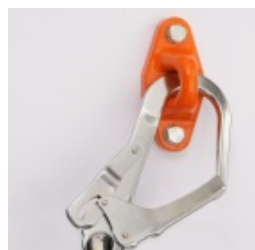
AT 150 working with AZ 011



AT 150 working with AZ 002



AT 150 working with AZ 003



AT 150 working with AZ 022



AT 150



PS 150

PS 150

RUBBER PAD TO AT 150



Ref.: PS 150

Dimensions: 62 x 135 x 2,8mm

Weight: 19g

Material: Rubber EPDM

Permanent anchor point

AT 180

PERMANENT ANCHOR POINT

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 ANCHOR POINT

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

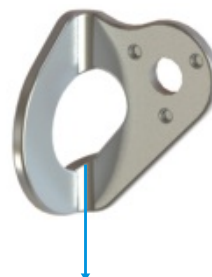
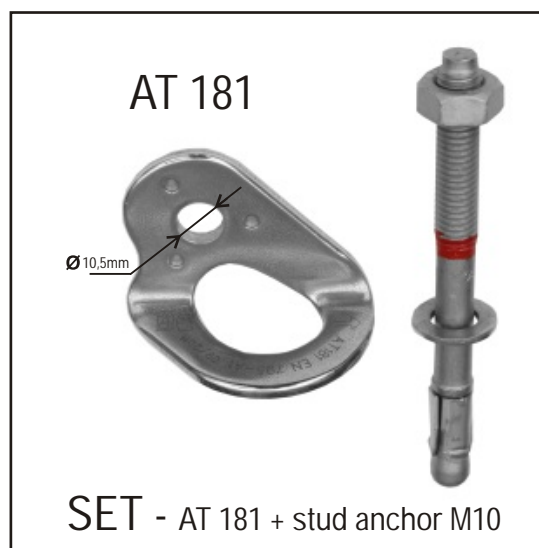
Edge distance - 50mm

Anchor type - mechanical anchor

Material - stainless steel

Standard embedment dept - 50 mm

Thread diameter - M10



Permanent anchor point

AT 020

PERMANENT ANCHOR POINT

EN 795 type B



Ref.: AT 020

Weight: ~0,57kg

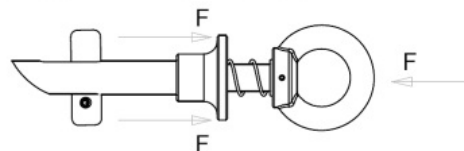
Material: galvanized steel, stainless steel, aluminium

Static strength: no less than 12kN

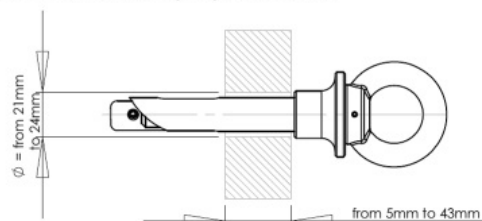
Protection for one person.

MONTAGE SEQUENCE

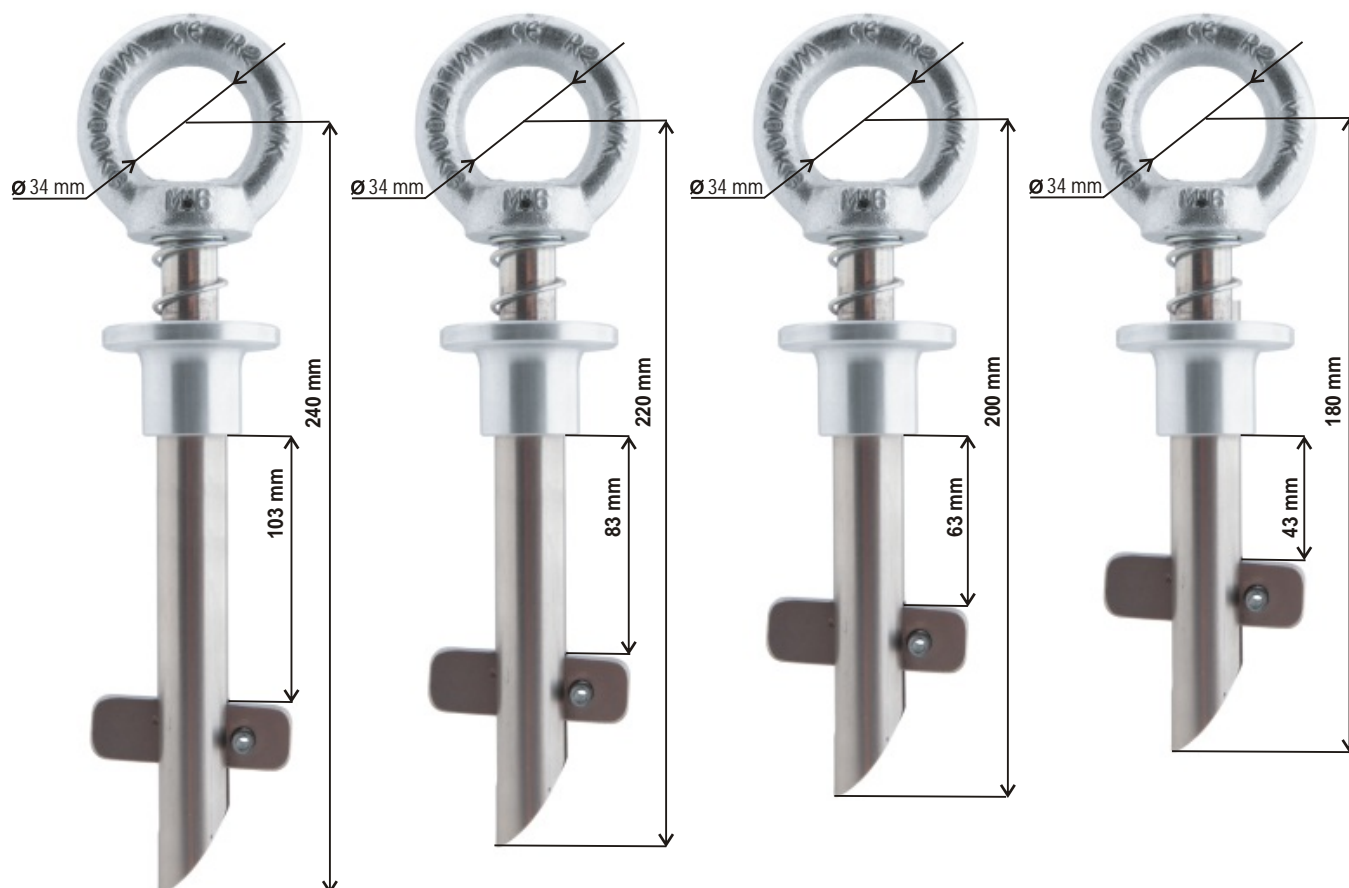
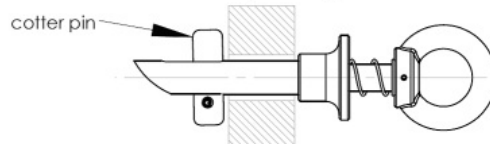
1. Squeeze device in the shown direction



2. Apply device into prepared hole



3. Make sure that cotter pin is open



Permanent anchor point

AT 151

PERMANENT ANCHOR POINT

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 ANCHOR POINT

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

PERMANENT ANCHOR POINT

EN 795 type A



Ref.: AT 401

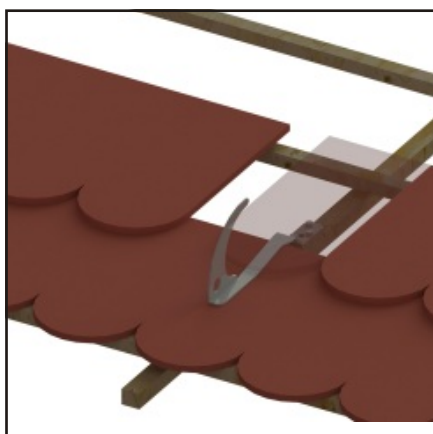
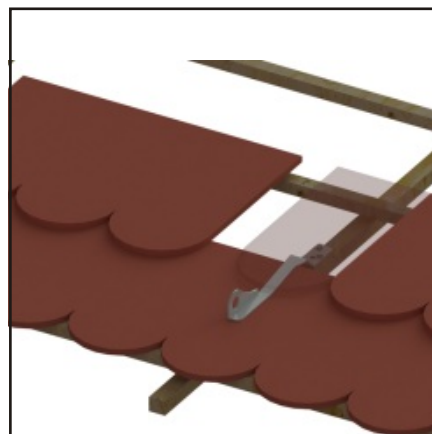
Dimensions: 418 x 195 mm

Weight: 0,54kg

Material: stainless steel

Static strength: 10 kN

Protection for one person.



AT 402

PERMANENT ANCHOR POINT

EN 795 type A



Ref.: AT 402

Dimensions: 173 x 60 x 20mm

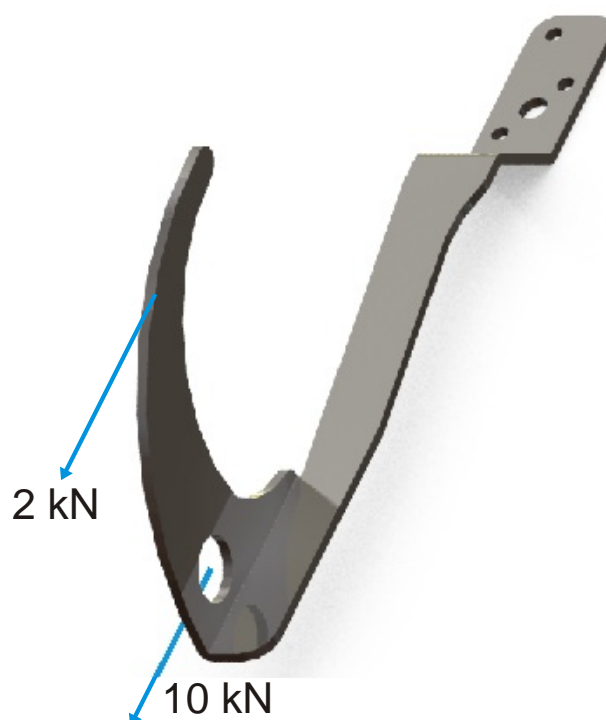
Weight: 0,35kg

Material: hot-dip galvanized steel

Static strength: 12 kN

Permissible static load: 2 kN

Protection for one person.



Permanent anchor point

AT 190

PERMANENT ANCHOR POINT

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

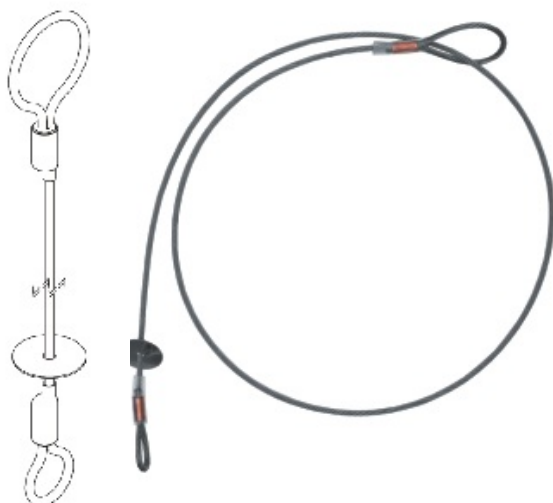
AT 190 100 - length 1000 mm

AT 190 200 - length 2000 mm

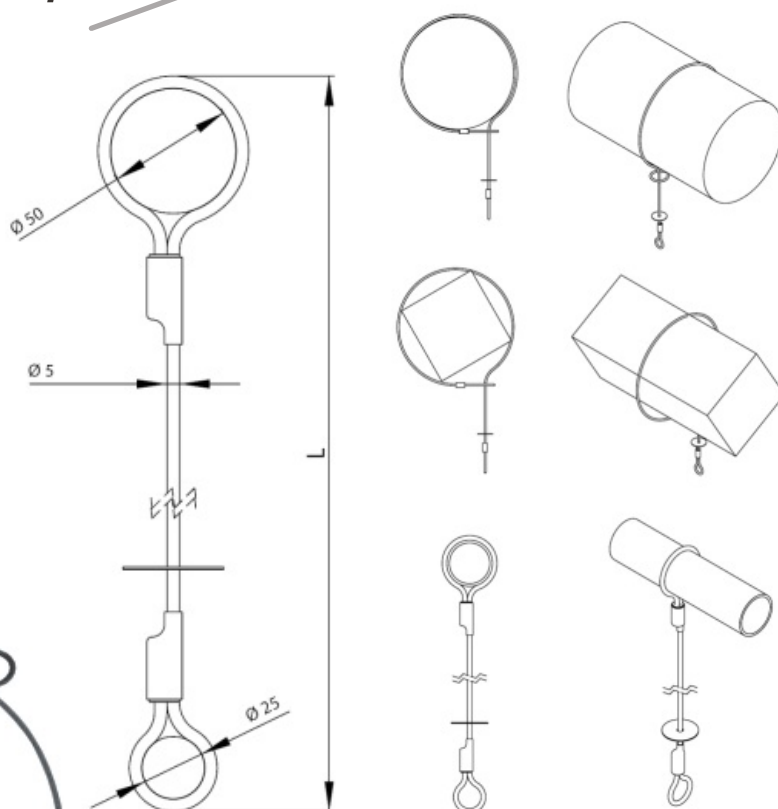
AT 190 300 - length 3000 mm

AT 190 500 - length 5000 mm

AT 190 1000 - length 10 000 mm



↓ F max: 10kN



AT 191

PERMANENT ANCHOR POINT

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

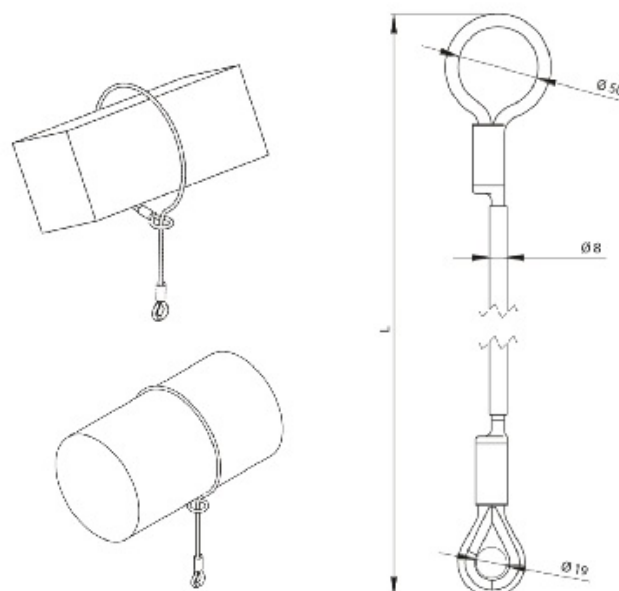
AT 191 100 - length 1000 mm

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 FOR TELESCOPIC POLE

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

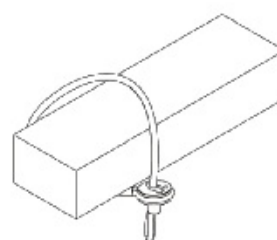
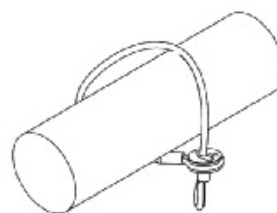
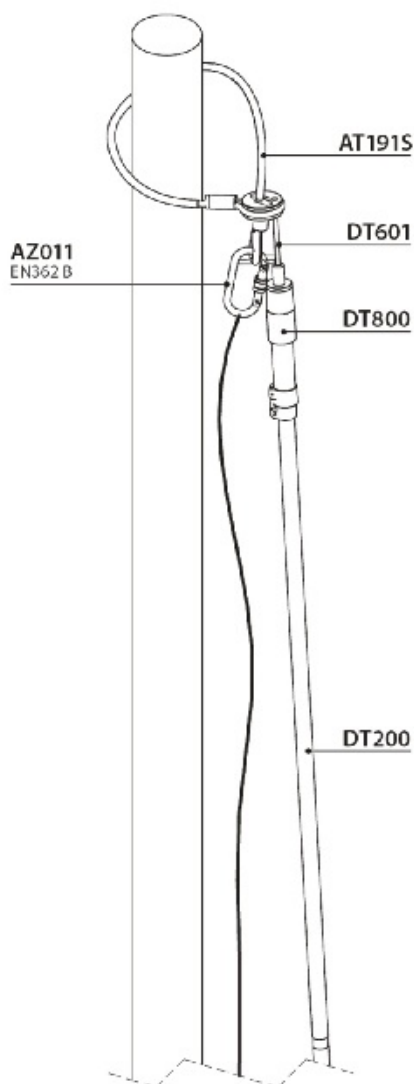
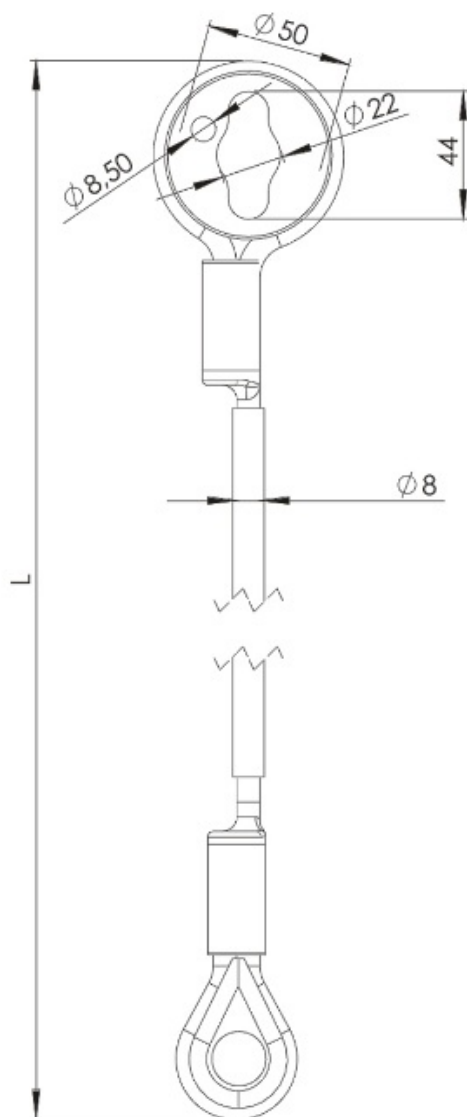
AT 191s 100 - length 100 cm

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

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

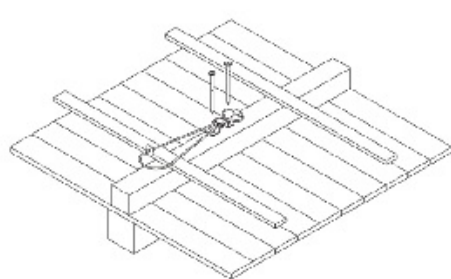
AT 192 300 - length 3000 mm

AT 192 400 - length 4000 mm

AT 192 500 - length 5000 mm

AT 192 XX 001 - SET

ASSEMBLY FOR THE TIMBER



+



AT 192 035 001 - length 350 mm

AT 192 100 001 - length 1000 mm

AT 192 200 001 - length 2000 mm

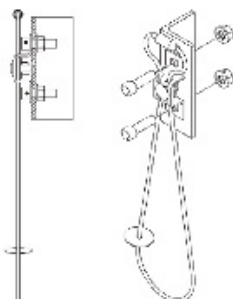
AT 192 300 001 - length 3000 mm

AT 192 400 001 - length 4000 mm

AT 192 500 001 - length 5000 mm

AT 192 XX 002 - SET

ASSEMBLY OF THE STEEL PROFILE



+



AT 192 035 002 - length 350 mm

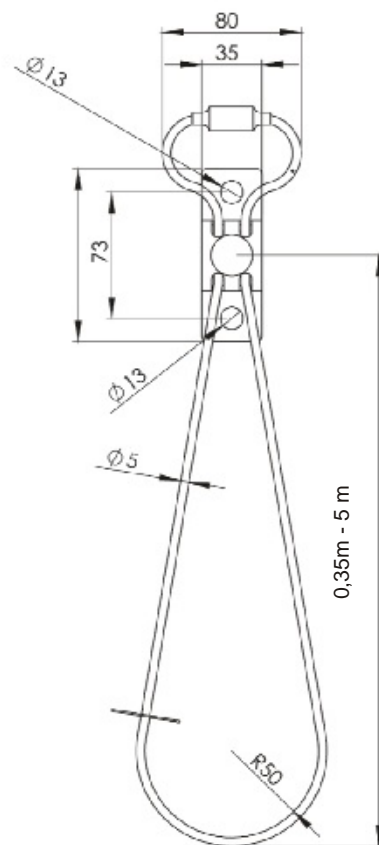
AT 192 100 002 - length 1000 mm

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

PERMANENT ANCHOR POINT

EN 795 type A



Ref.: HL 104

Dimensions: 70 x 166 x 39 mm

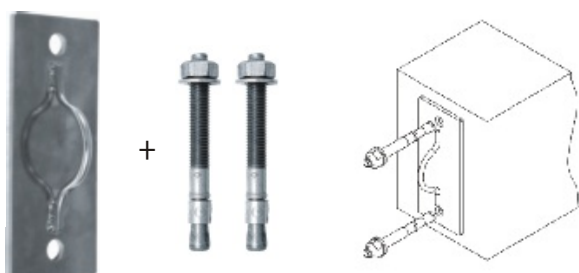
Material: stainless steel - AISI 304

Static strength: 12 kN

Protection for one person.

HL 104 001 - SET

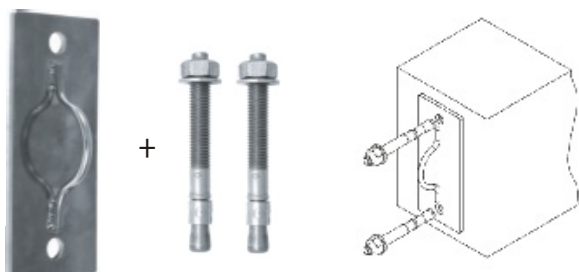
ASSEMBLY FOR CONCRETE



HL 104 + the anchor of stainless steel M12.

HL 104 002 - SET

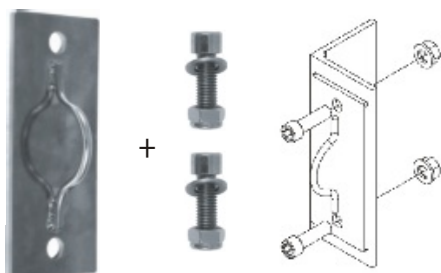
ASSEMBLY FOR CONCRETE



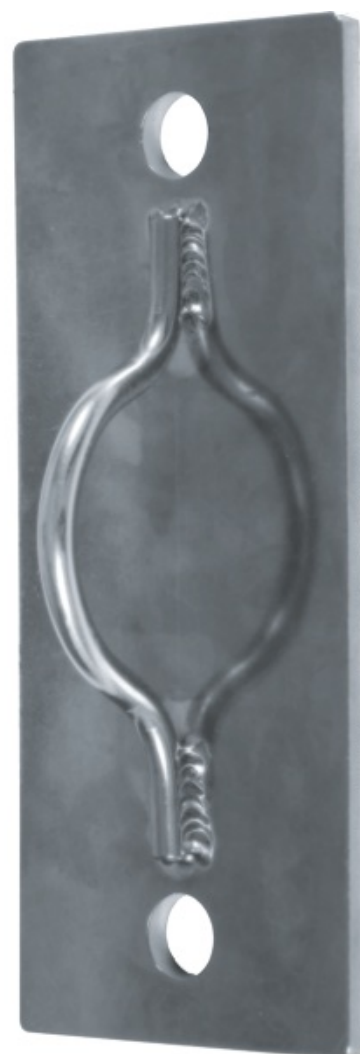
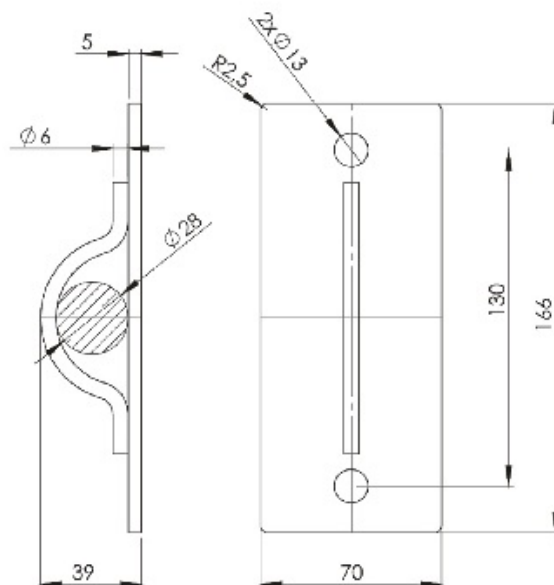
HL 104 + the anchor made of galvanized steel M12.

HL 104 003 - SET

ASSEMBLY OF THE STEEL PROFILE



HL 104 + the anchor of stainless steel M12.



Permanent anchor point

HL 105

PERMANENT ANCHOR POINT

EN 795 type A



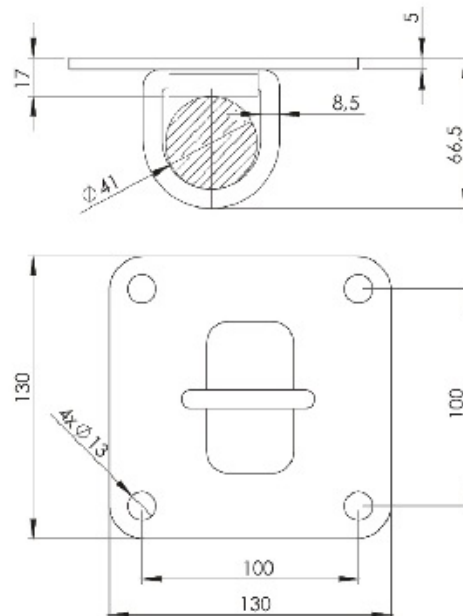
Ref.: HL 105

Dimensions: 130 x 130 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

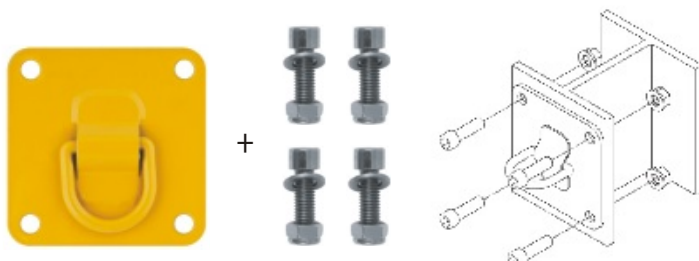
ASSEMBLY FOR CONCRETE



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 ANCHOR CLAMP

EN 795 type A



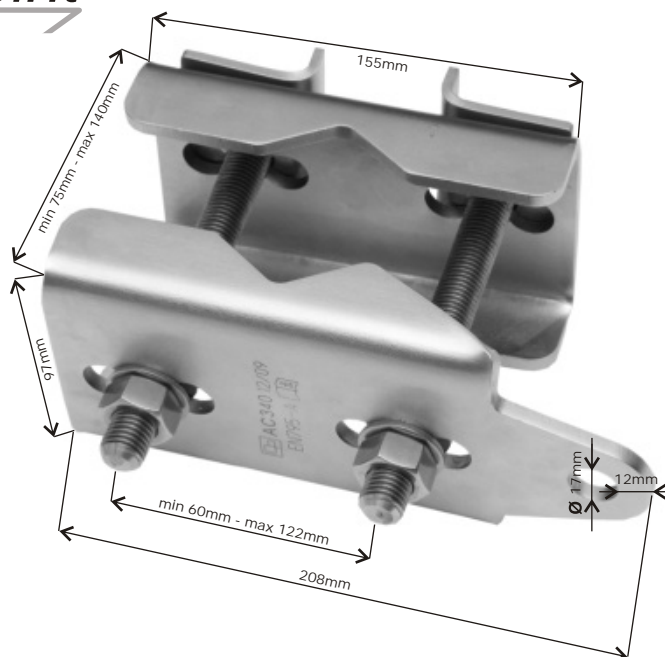
Ref.: AC 340

Weight: 2,5 kg;

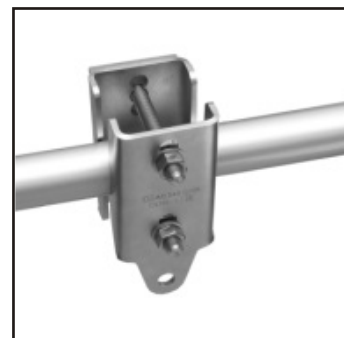
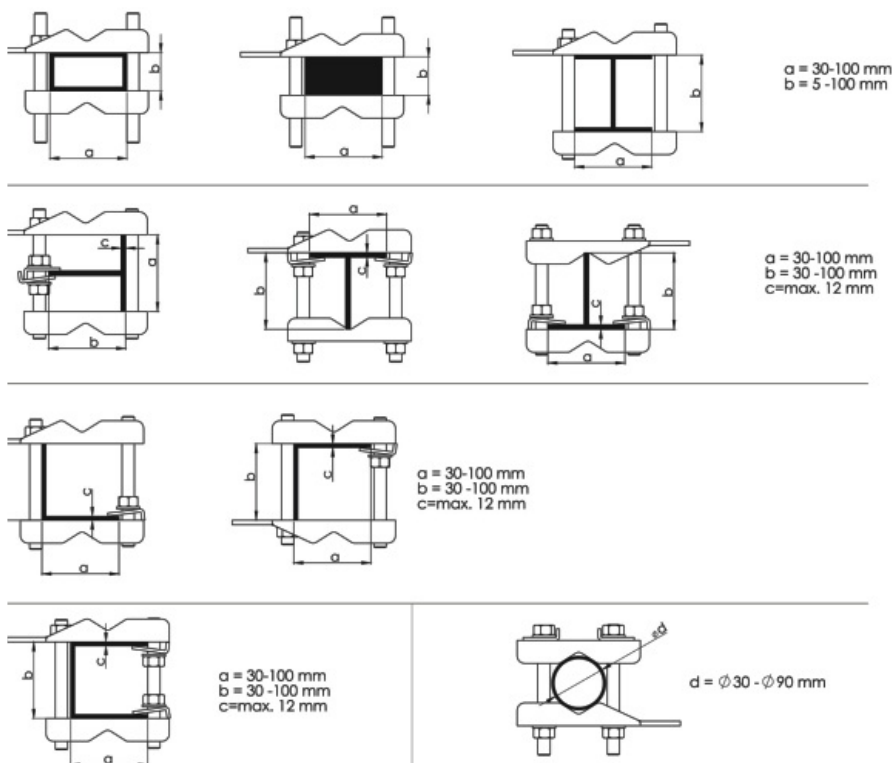
Material: stainless steel - 6 mm;

System strength > 10kN

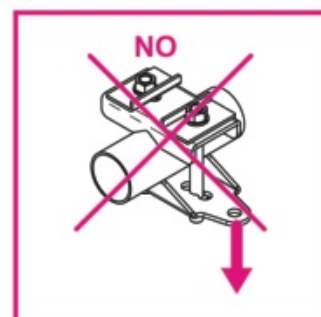
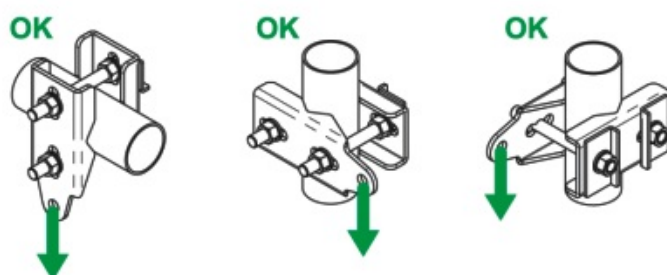
Clamping range: 75-140 mm



USE OF THE DEVICE



MONTAGE



Permanent horizontal systems

ST 010

ANCHOR TROLLEY

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



ST 020

ANCHOR CLAMP

EN 795 type B

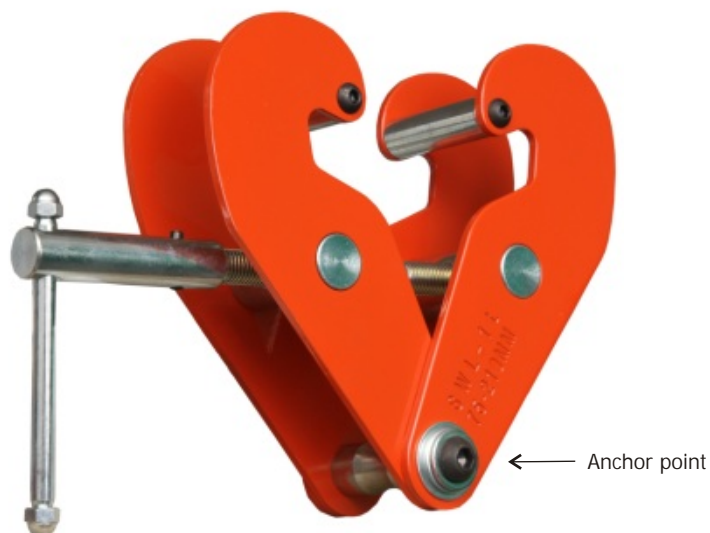


Ref.: AT 200

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

Weight: 4,0 kg;

Material: galvanized steel, painted steel



Permanent horizontal systems

AT 250

ALU ANCHOR CLAMP

EN 795 type B



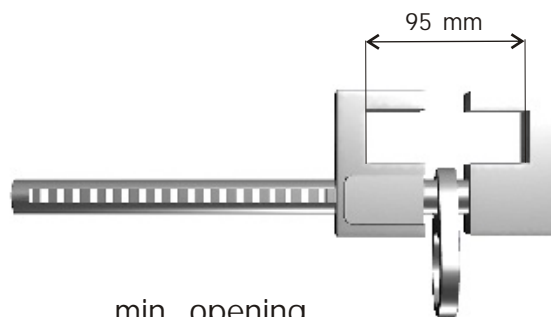
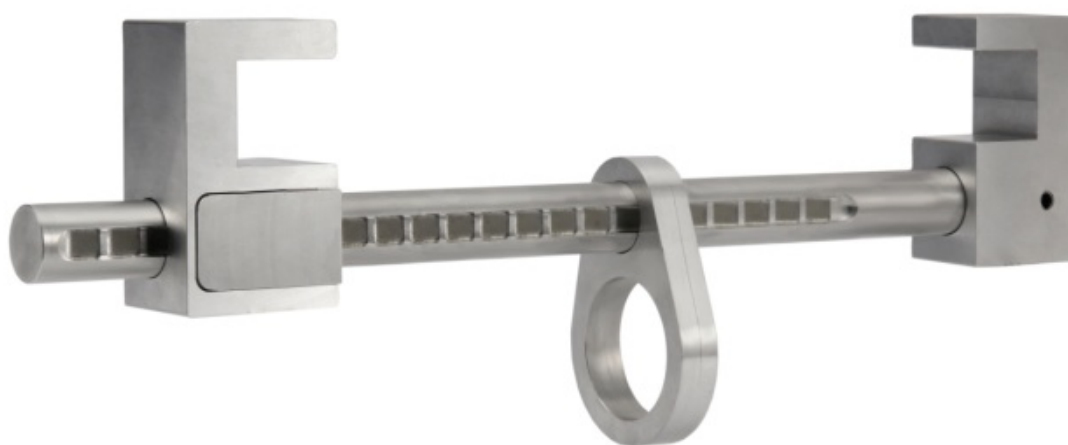
Ref.: AT 250

Dimensions: 440 x 100 x 45 mm;

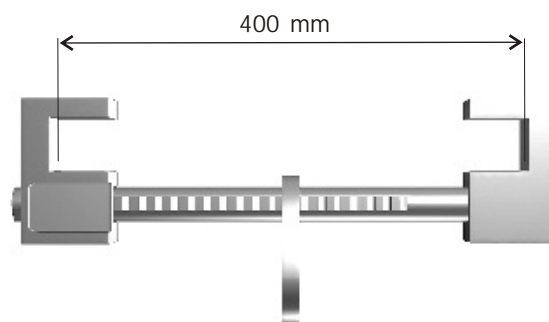
Weight: 1,37 kg;

Material: alu.

For one worker.



min. opening




max. opening

Tripods, anchor and rescue

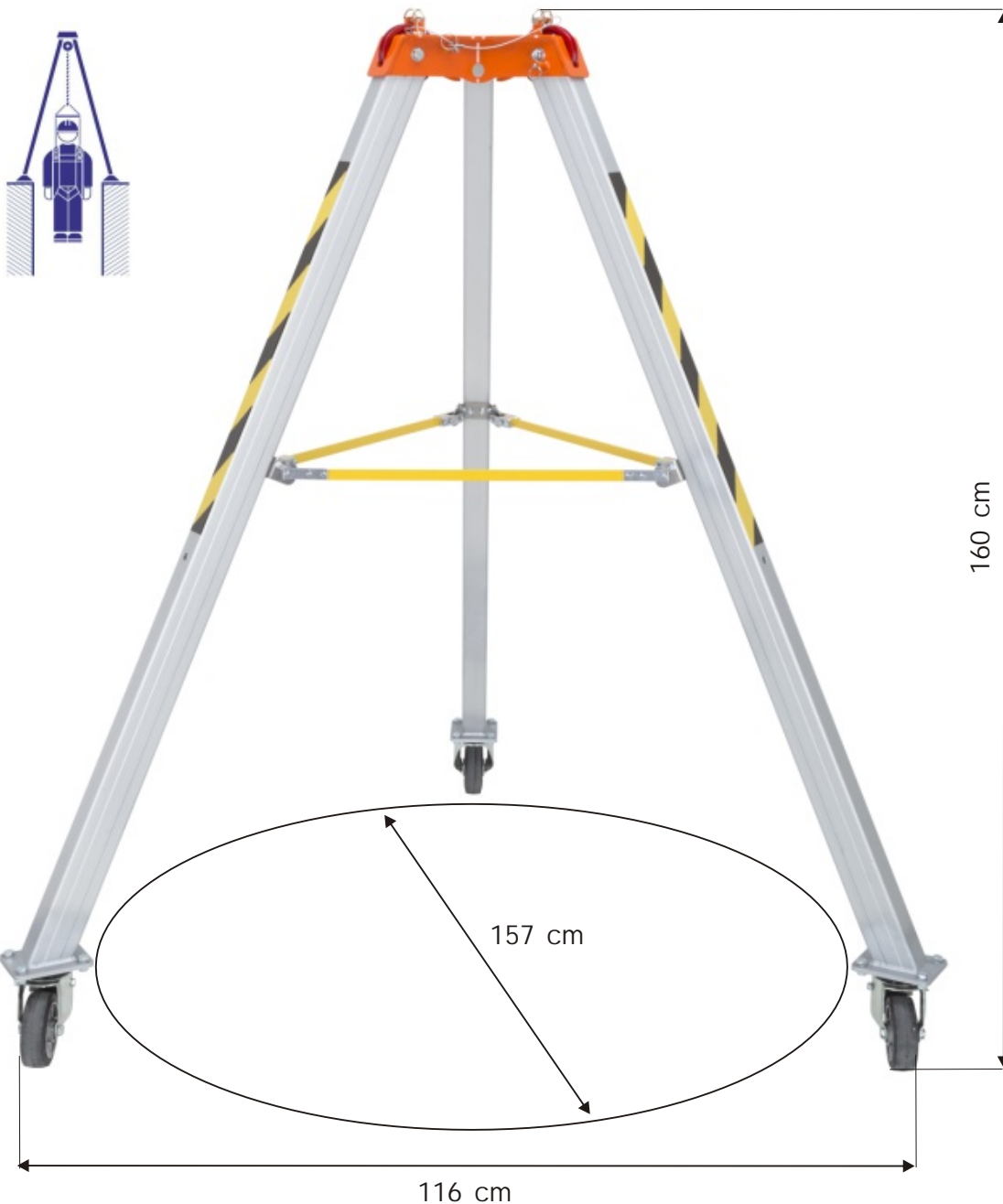
TM 6

SAFETY TRIPOD

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


TM 6 head



Tripods, anchor and rescue

TM 7

SAFETY TRIPOD

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

Ref.: AT 009

Height: 147-229 cm

Material: steel

Opening diameter under tripod: 140-213 cm

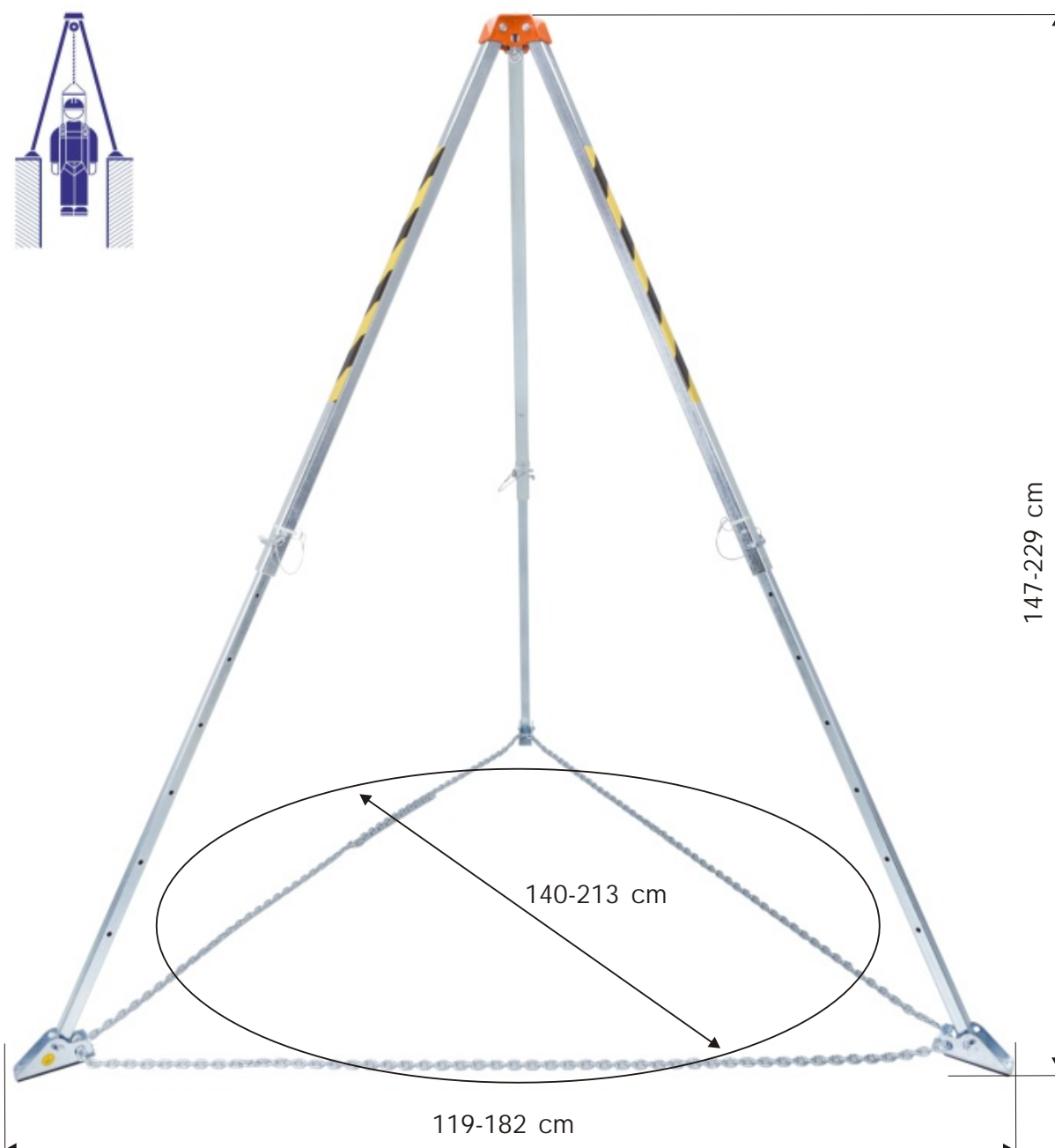
Leg spacing: 119-182 cm

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 TRIPOD

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

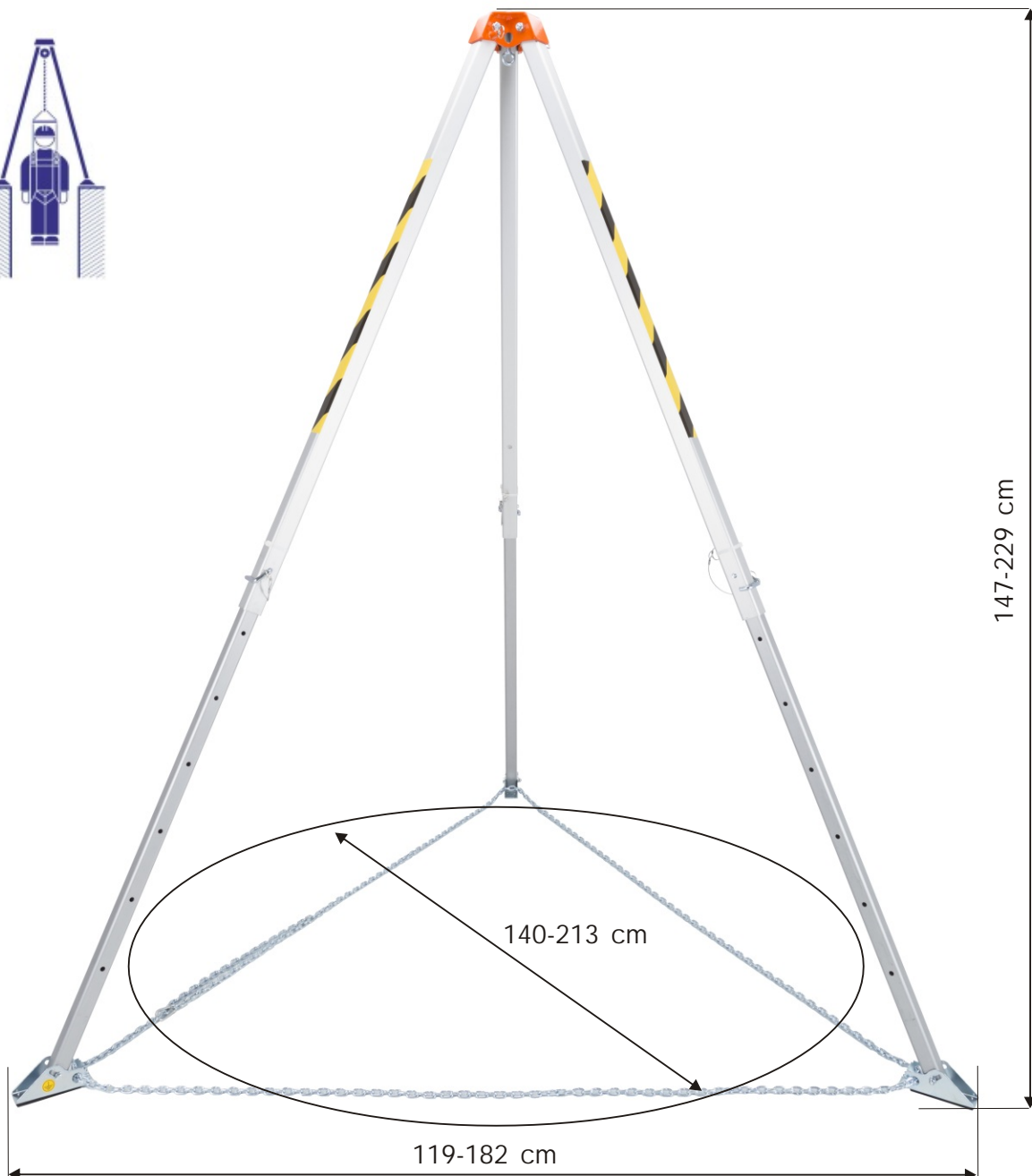
Device weight: 17 kg

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 TRIPOD

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

Ref.: AT 015

Height: 179-289 cm

Material: aluminum

Opening diameter under tripod: 173-271 cm

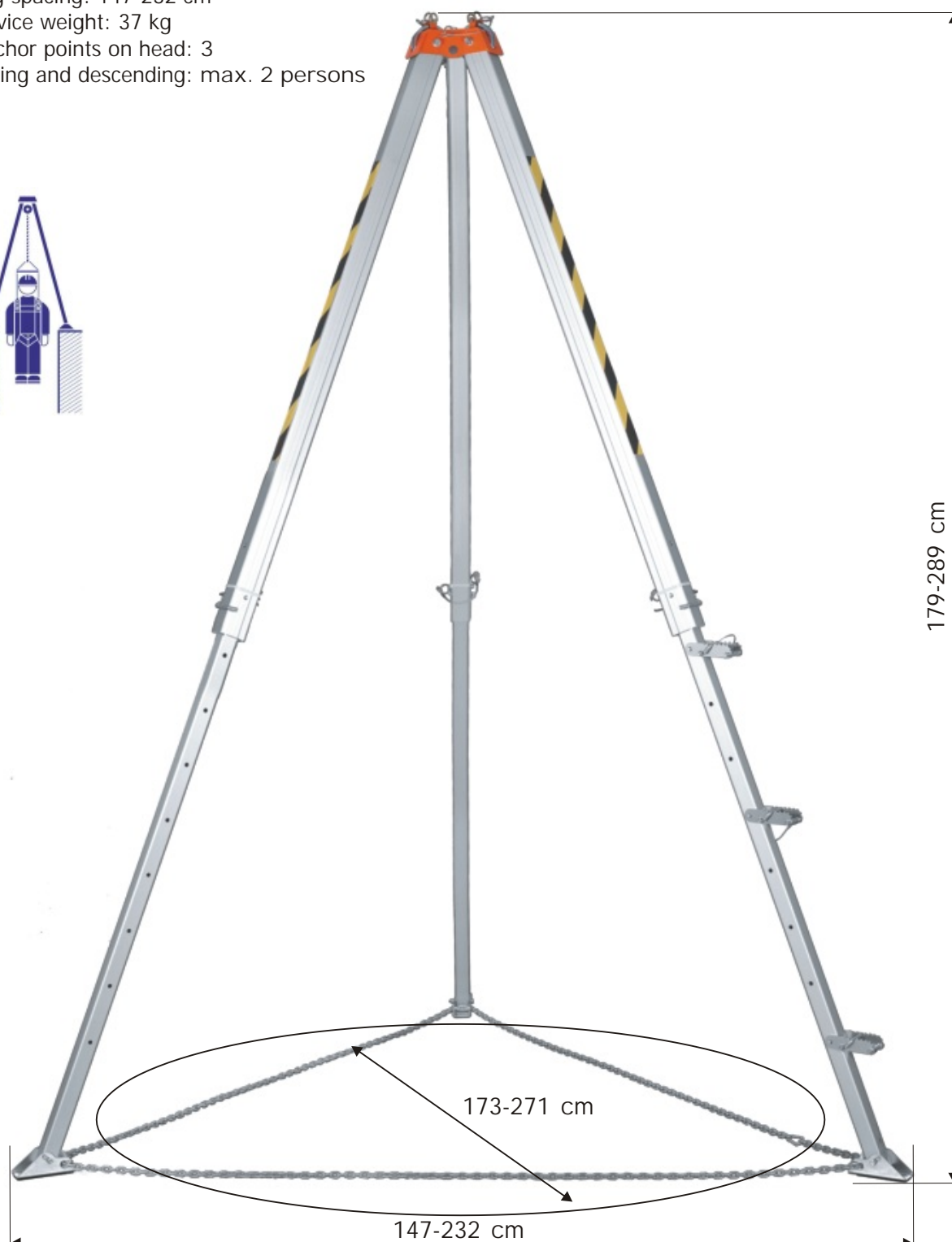
Leg spacing: 147-232 cm

Device weight: 37 kg

Anchor points on head: 3

Lifting and descending: max. 2 persons


TM 13 head



Tripods, anchor and rescue

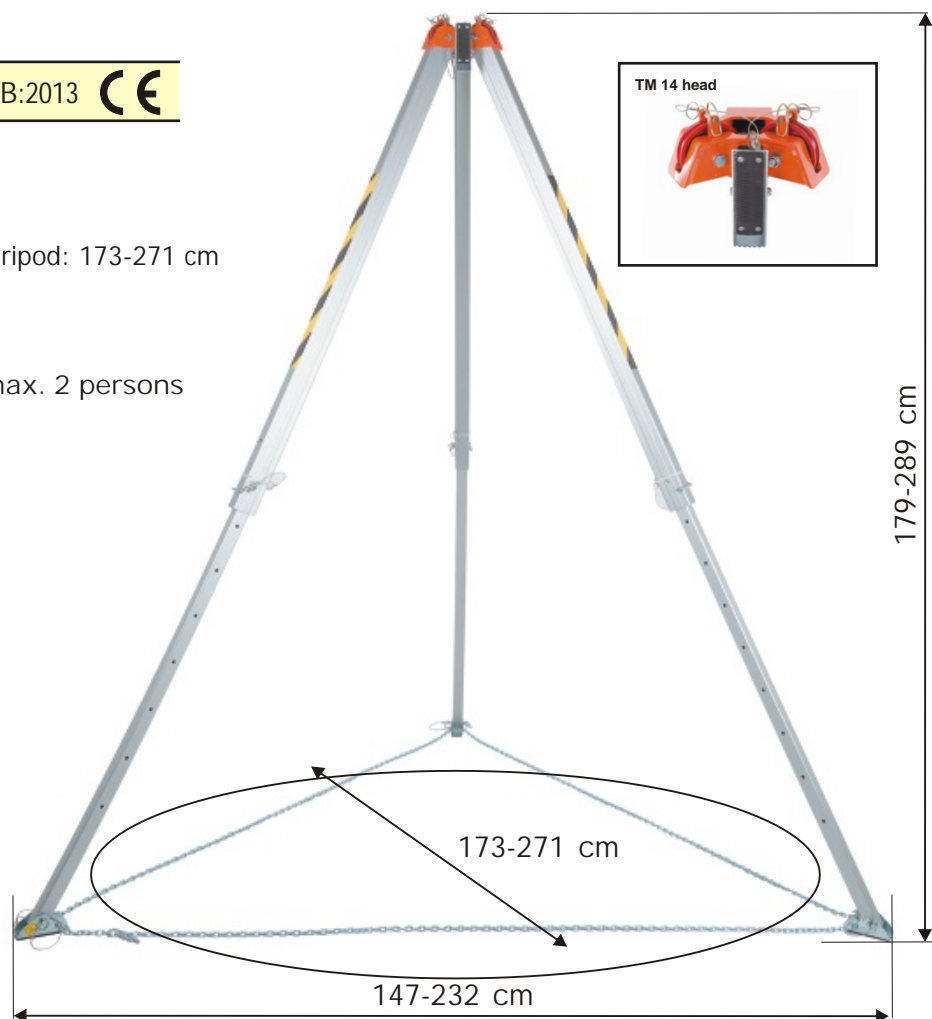
TM 14

SAFETY TRIPOD

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

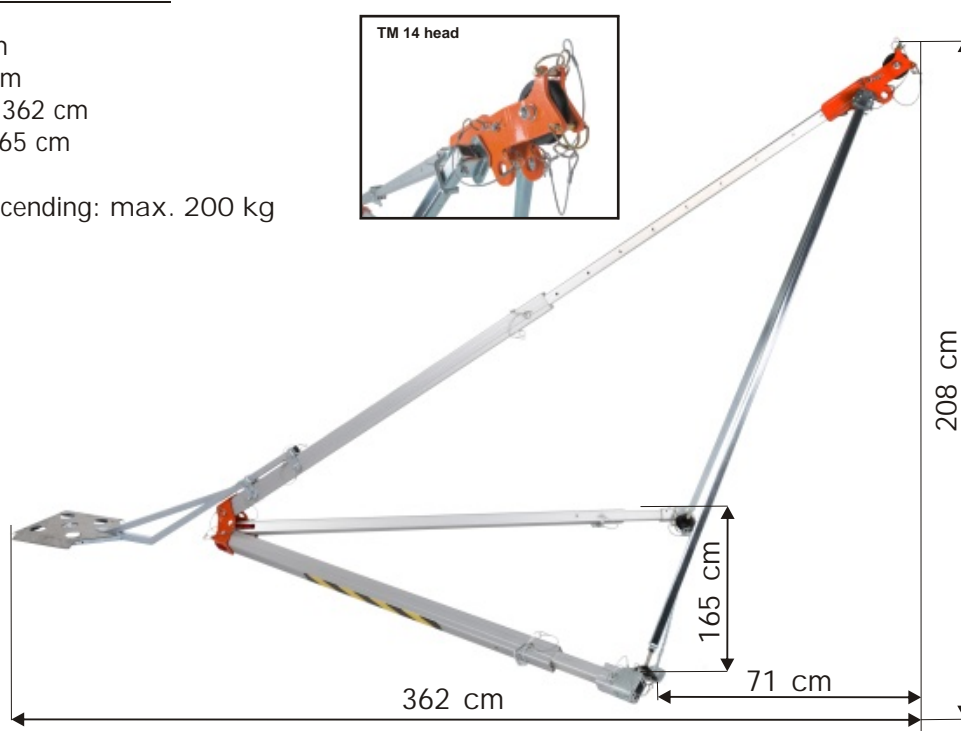
Ref.: AT 016

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

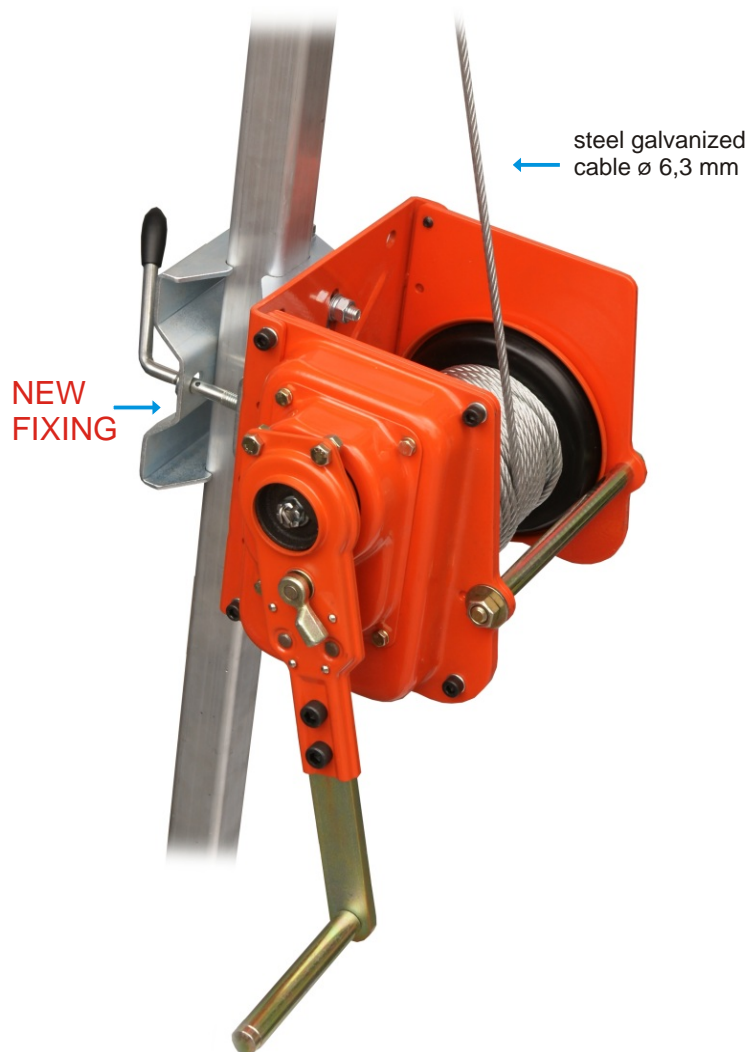


RESCUE FRAME VARIANT:

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

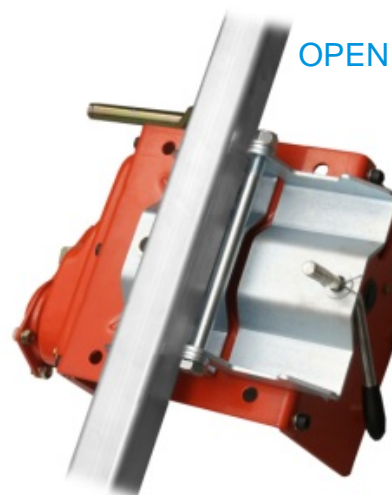
Ref.: AT 053 35 - 35 m cable

Ref.: AT 053 45 - 45 m cable

Ref.: AT 053 50 - 50 m cable

Lifting and lowering device:

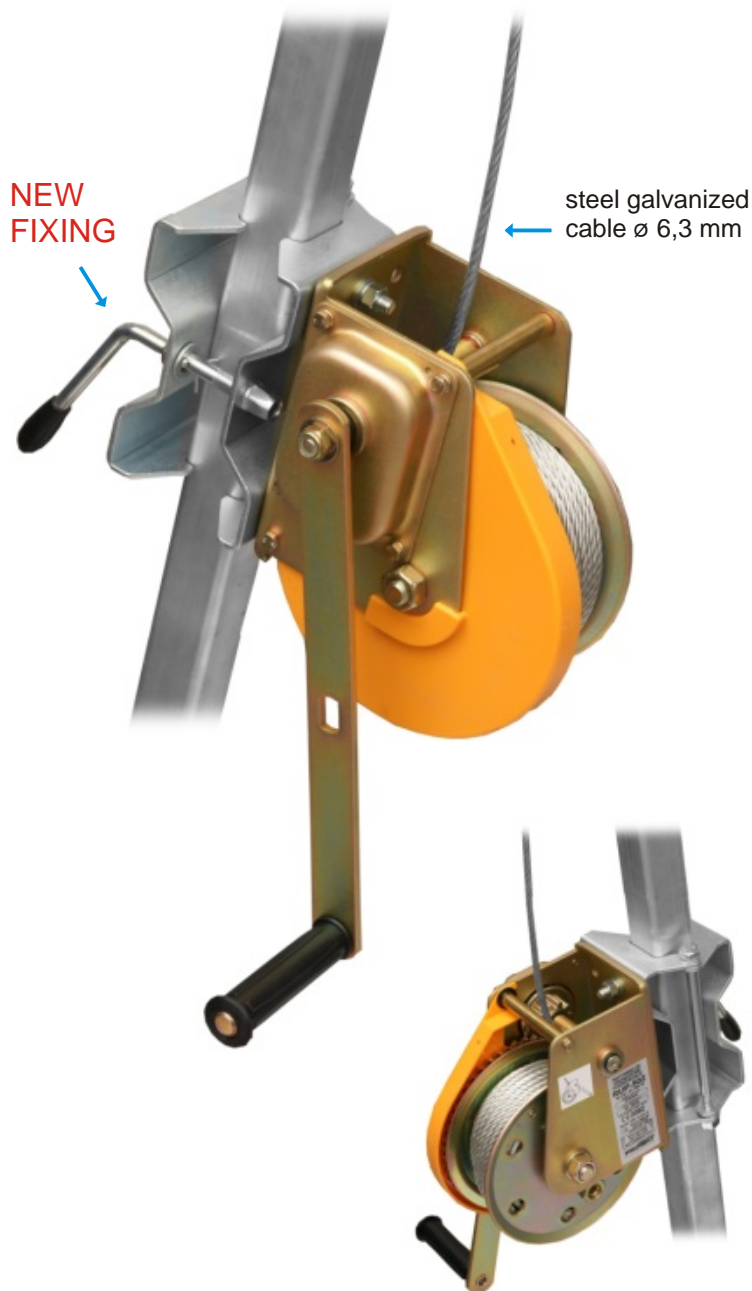
- Automatic brake
- Permissible work load: 200 kg
- Winch weight depending on cable length: 22,5 - 26,2 kg



TM 13 and RUP 503



Tripods, anchor and rescue



RUP-502

RESCUE LIFTIG DEVICE

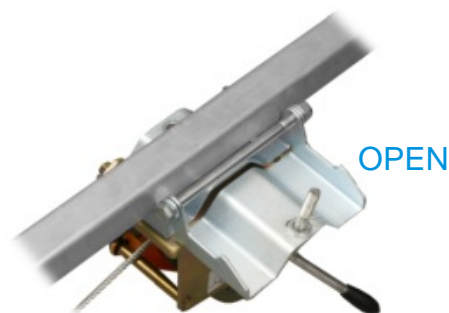
EN 1496 class B

Ref.: AT 050 20 - 20 m cable

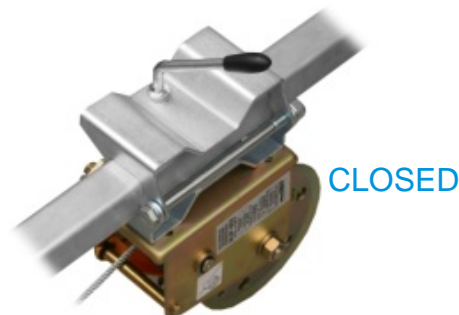
Ref.: AT 050 25 - 25 m cable

Rescue lifting and lowering device:

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



OPEN



CLOSED

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

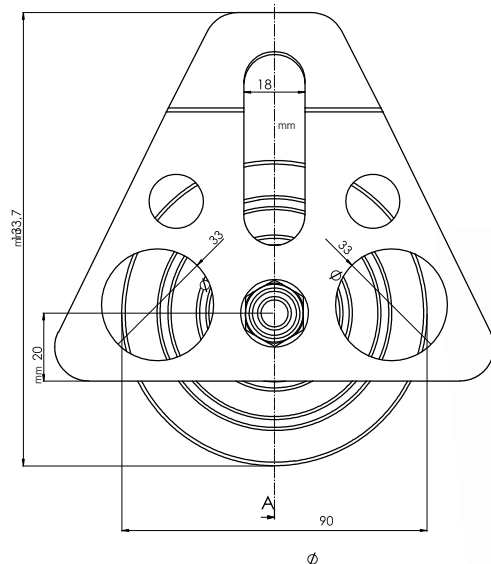
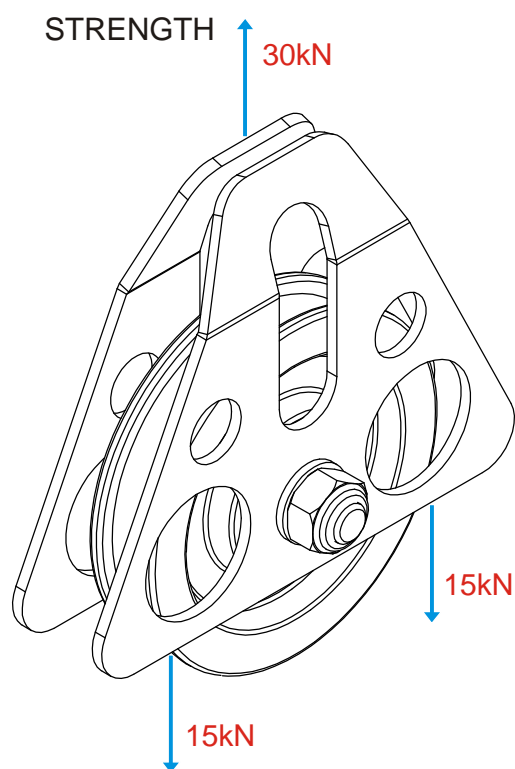
To Rescue Lifting Device RUP-502,
and Safety Tripod TM-9

Ref.: PL 101

Dimensions: 133 x 56 x 128 mm

Weight: 450g

Material: galvanized steel, composite



AZ 090



galvanized
steel

polyamide
reinforced glassfibre



Tripods, anchor and rescue

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

ANCHOR BEAM

EN 795 type B



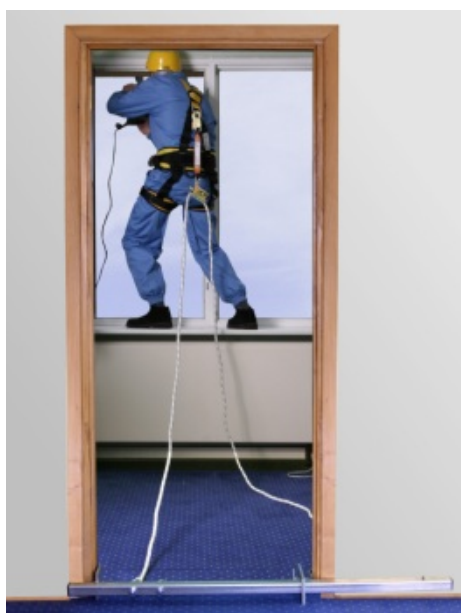
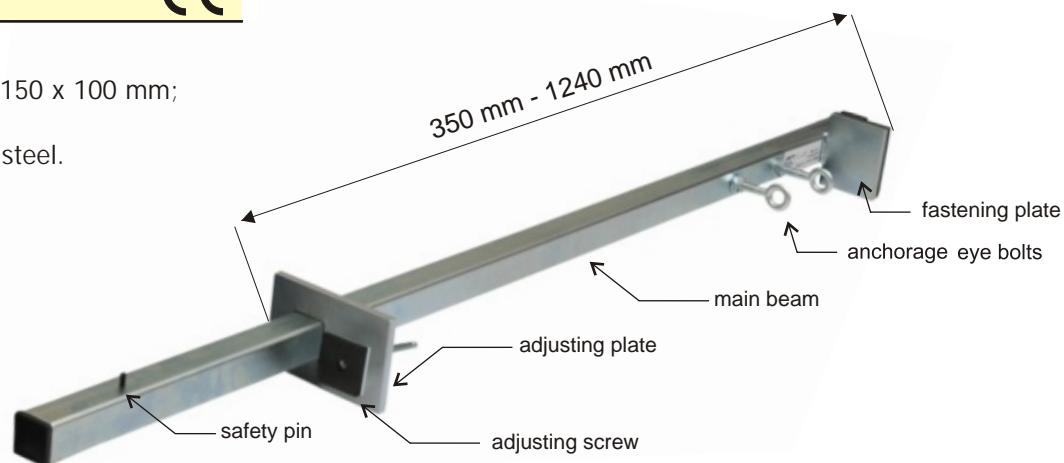
Ref.: AT 060

Dimensions: 1415 x 150 x 100 mm;

Weight: 6,9 kg;

Material: galvanized steel.

For one worker.



AT 061

ALU ANCHOR BEAM + BAG

EN 795 type B



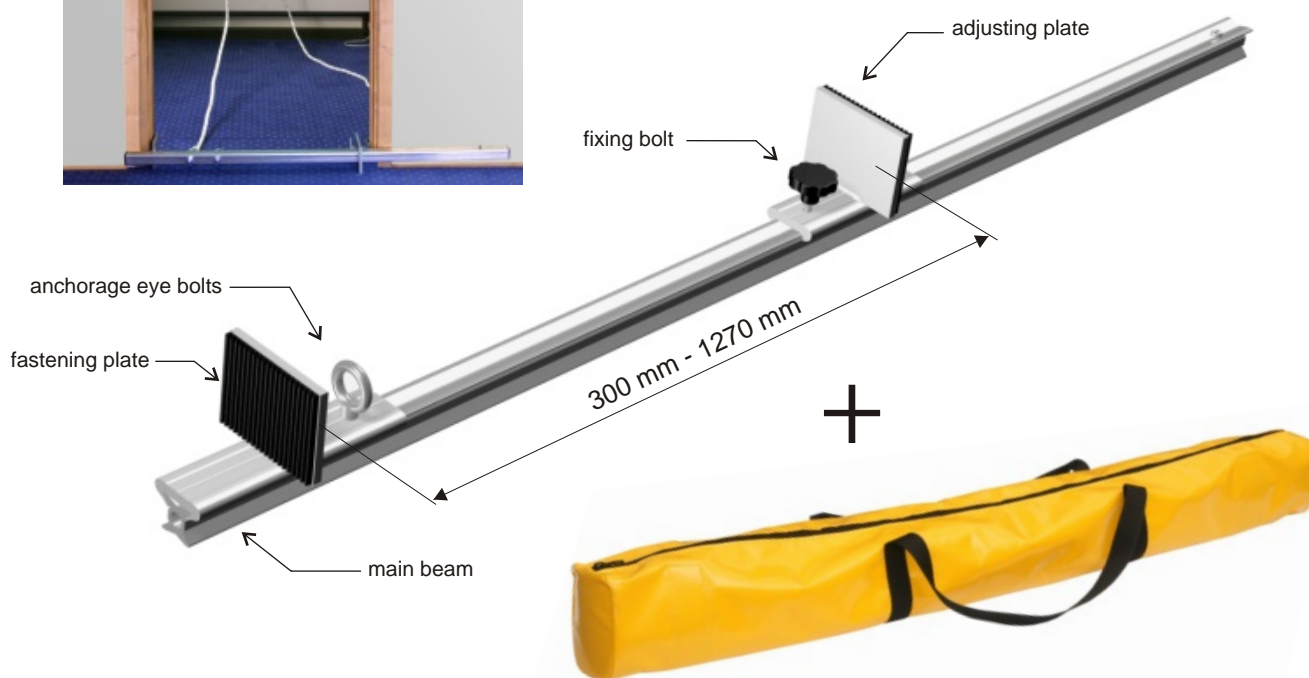
Ref.: AT 061

Dimensions: 1450 x 122 x 100 mm;

Weight: 3,2 kg;

Material: alu.

For one worker.



Tripods, anchor and rescue

AT 062 set

ALU ANCHOR BEAM AT 061 + AT 061A + BAG

EN 795 type B



Ref.: AT 062

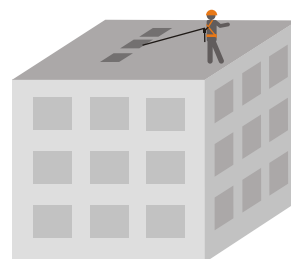
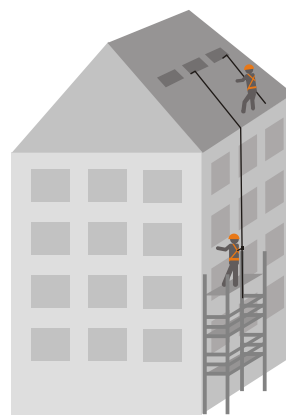
Dimensions after packing:

1450 x 300 x 200mm

Weight: 6,7kg (with bag);

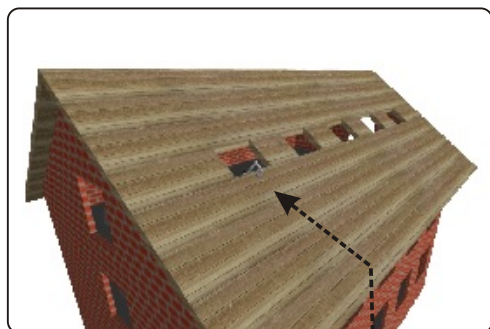
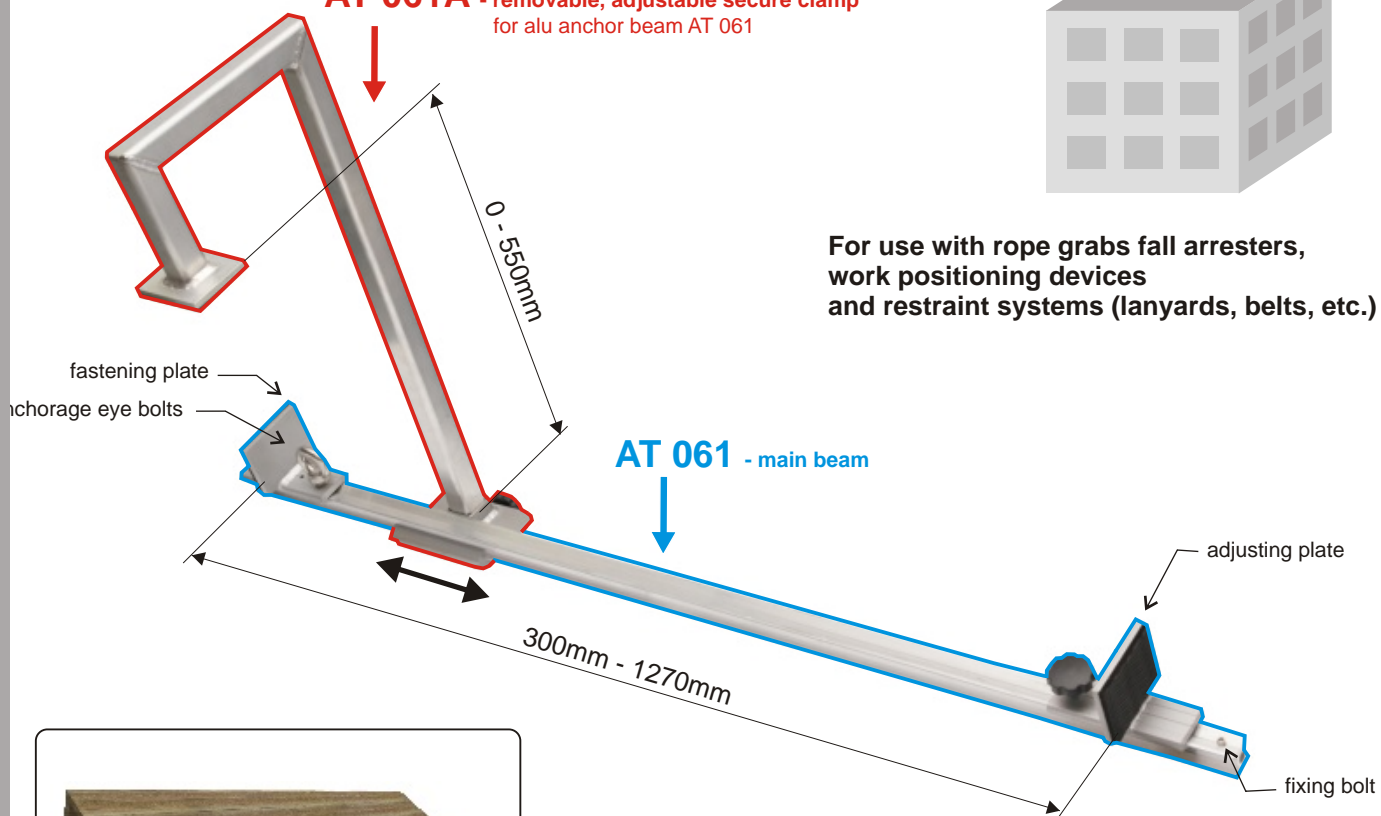
Material: alu profiles

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.)

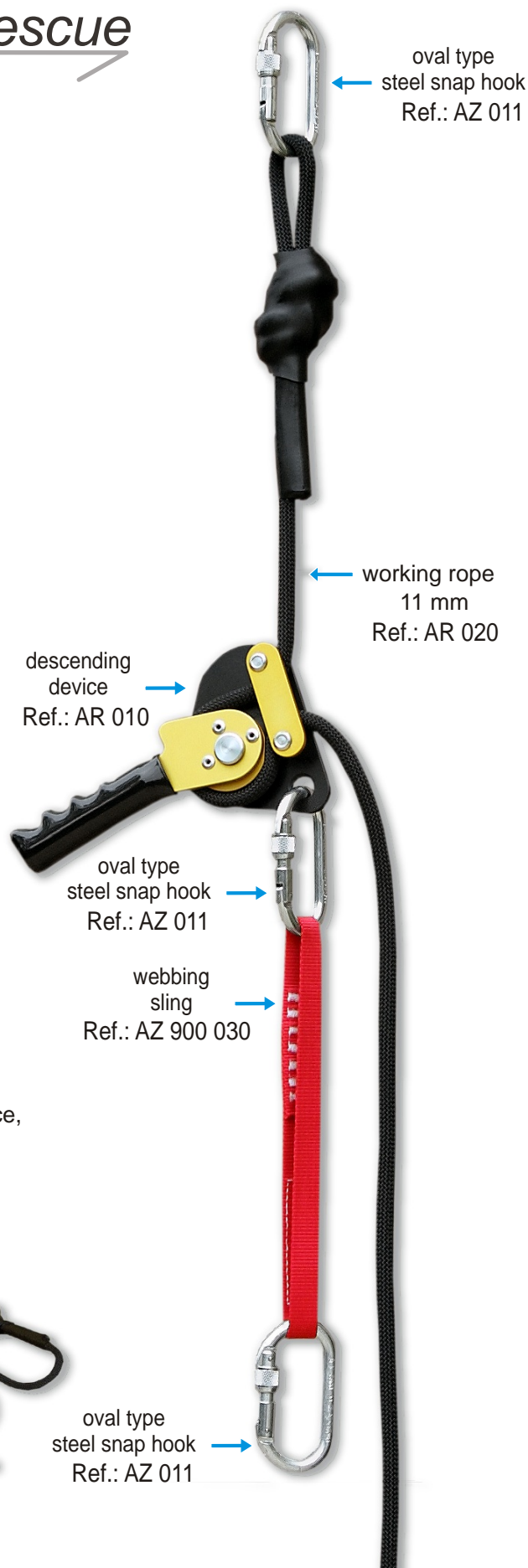


Tripods, anchor and rescue

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

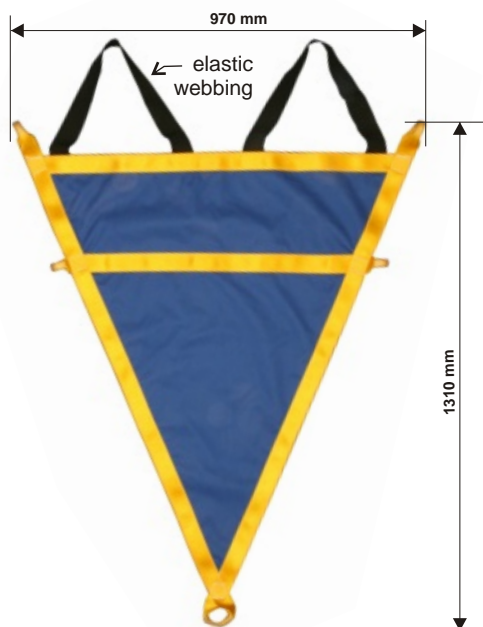
Tripods, anchor and rescue

DX 301

rescue triangle

EN 1497

Ref.: DX 301



Ref.: DX 301



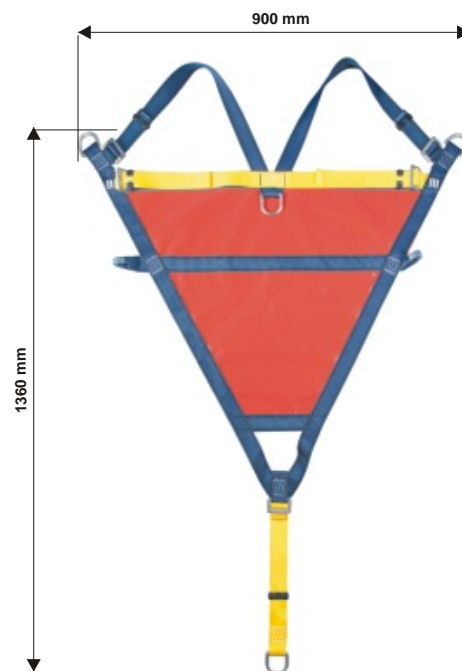
DX 302

rescue triangle

EN 1497, EN 1498

Ref.: DX 302

Max load
140 kg



Ref.: DX 302



P-10R

safety harness

EN 361 EN 1497



Ref.: AB 110 03

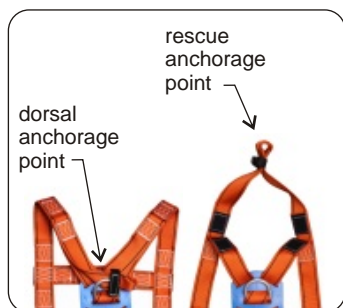
Harness with front and dorsal anchorage point.

Rescue anchorage point

Size: M-XL - 1460g

XXL - 1600g

Separate regulation for legs and shoulders straps.



Steel snap hooks



AZ 011
SCREW SNAP HOOK

EN 362

Ref.: AZ 011

Weight: 180 g
Dimensions: 108 x 60 mm
ZINC PLATED STEEL

OPENING Ø18mm



AZ 011T
"TWIST LOCK"

EN 362

Ref.: AZ 011T

OPENING Ø18mm



AZ 017
SCREW SNAP HOOK

EN 362

Ref.: AZ 017

Weight: 200 g
Dimensions: 113 x 71 mm
ZINC PLATED STEEL

OPENING Ø25mm



AZ 017T
"TWIST LOCK"

EN 362

Ref.: AZ 017T

OPENING Ø25mm



AZ 018
SCREW SNAP HOOK

EN 362

Ref.: AZ 018

Weight: 220 g
Dimensions: 125 x 80 mm
ZINC PLATED STEEL

OPENING Ø27mm



AZ 018T
"TWIST LOCK"

EN 362

Ref.: AZ 018T


OPENING Ø27mm

Alu snap hooks



OPENING Ø18mm


AZ 012 SCREW SNAP HOOK

EN 362 

Ref.: AZ 012

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

AZ 012T "TWIST LOCK"

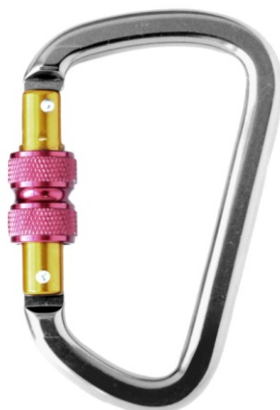
EN 362 

Ref.: AZ 012T

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




OPENING Ø18mm



OPENING Ø24mm


AZ 014 SCREW SNAP HOOK

EN 362 

Ref.: AZ 014

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

AZ 014T "TWIST LOCK"

EN 362 

Ref.: AZ 014T

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




OPENING Ø24mm



OPENING Ø45mm


AZ 111 "TWIST LOCK"

EN 362 

Ref.: AZ 111

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

AZ 111B "TWIST LOCK"

EN 362 

Ref.: AZ 111B



OPENING Ø45mm

Snap hooks

AZ 024

DOUBLE FINGER LOCKING TYPE SNAP HOOK

EN 362



Ref.: AZ 024

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



OPENING Ø100mm

AZ 023

DOUBLE FINGER LOCKING TYPE SNAP HOOK

EN 362



Ref.: AZ 023

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



OPENING Ø60mm

AZ 014DT

"TWIST LOCK"

NEW!

EN 362



Ref.: AZ 014DT

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



OPENING Ø22mm

AZ 022

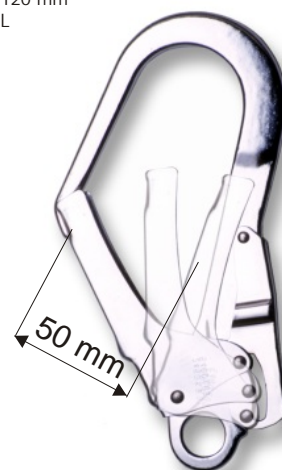
DOUBLE FINGER LOCKING TYPE SNAP HOOK

EN 362



Ref.: AZ 022

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



OPENING Ø50mm

Snap hooks

AZ 025

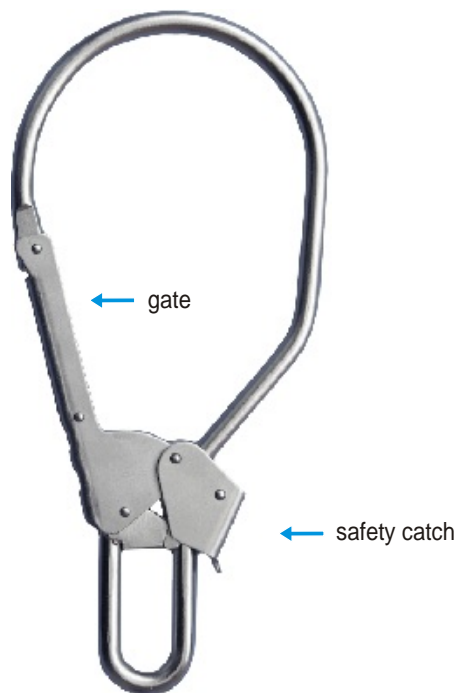
DOUBLE FINGER LOCKING TYPE SNAP HOOK

EN 362



Ref.: AZ 025

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



OPENING Ø83mm

AZ 122

DOUBLE FINGER LOCKING TYPE SNAP HOOK

EN 362



Ref.: AZ 122

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



OPENING Ø65mm

AZ 125

DOUBLE FINGER LOCKING TYPE SNAP HOOK

EN 362



Ref.: AZ 125

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



OPENING Ø90mm

AZ 019T

"TWIST LOCK"

NEW!

EN 362



Ref.: AZ 019T

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



OPENING Ø27mm

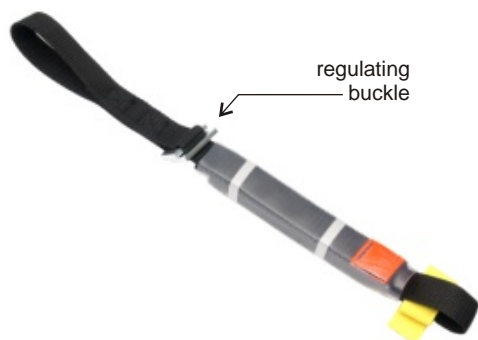
Trauma straps

AY 201

trauma strap

Ref.: AY 201

Working length: 120 cm

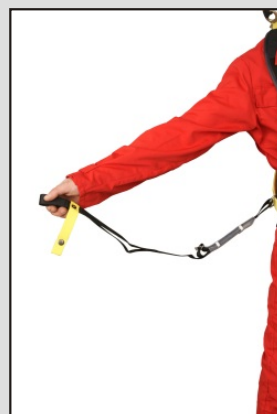
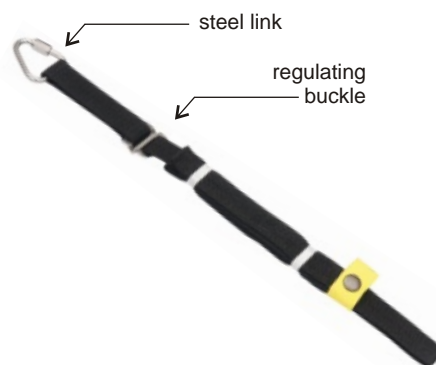


AY 202

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

BA

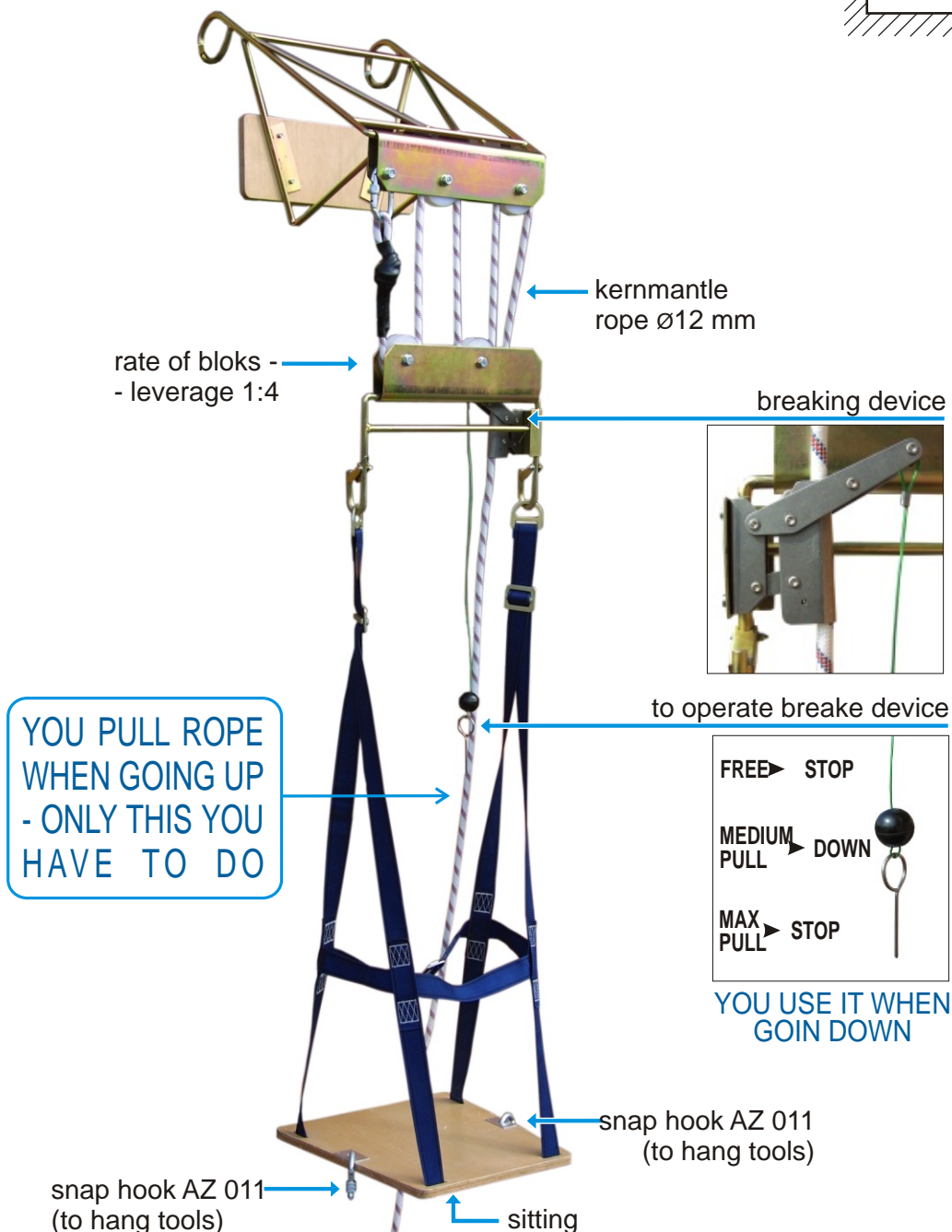
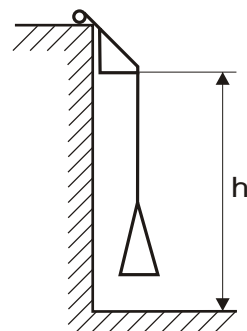
BENCH

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.



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



Ref.: AZ 700 - length 0,9 m

Ref.: AZ 700 - length 1,4 m

Ref.: AZ 700 - length 2,0 m

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

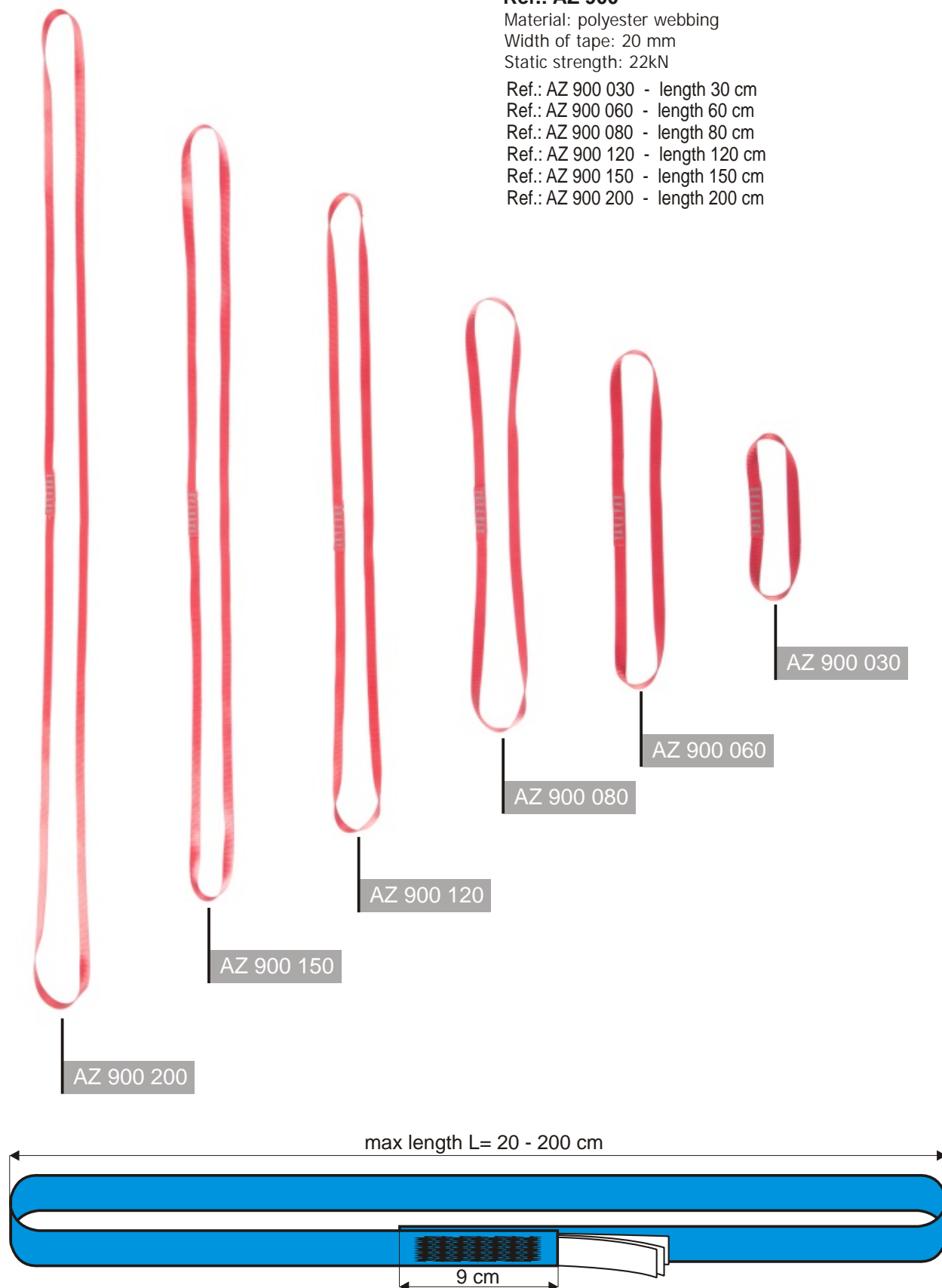
Ref.: AZ 900 060 - length 60 cm

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



AZ 900

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

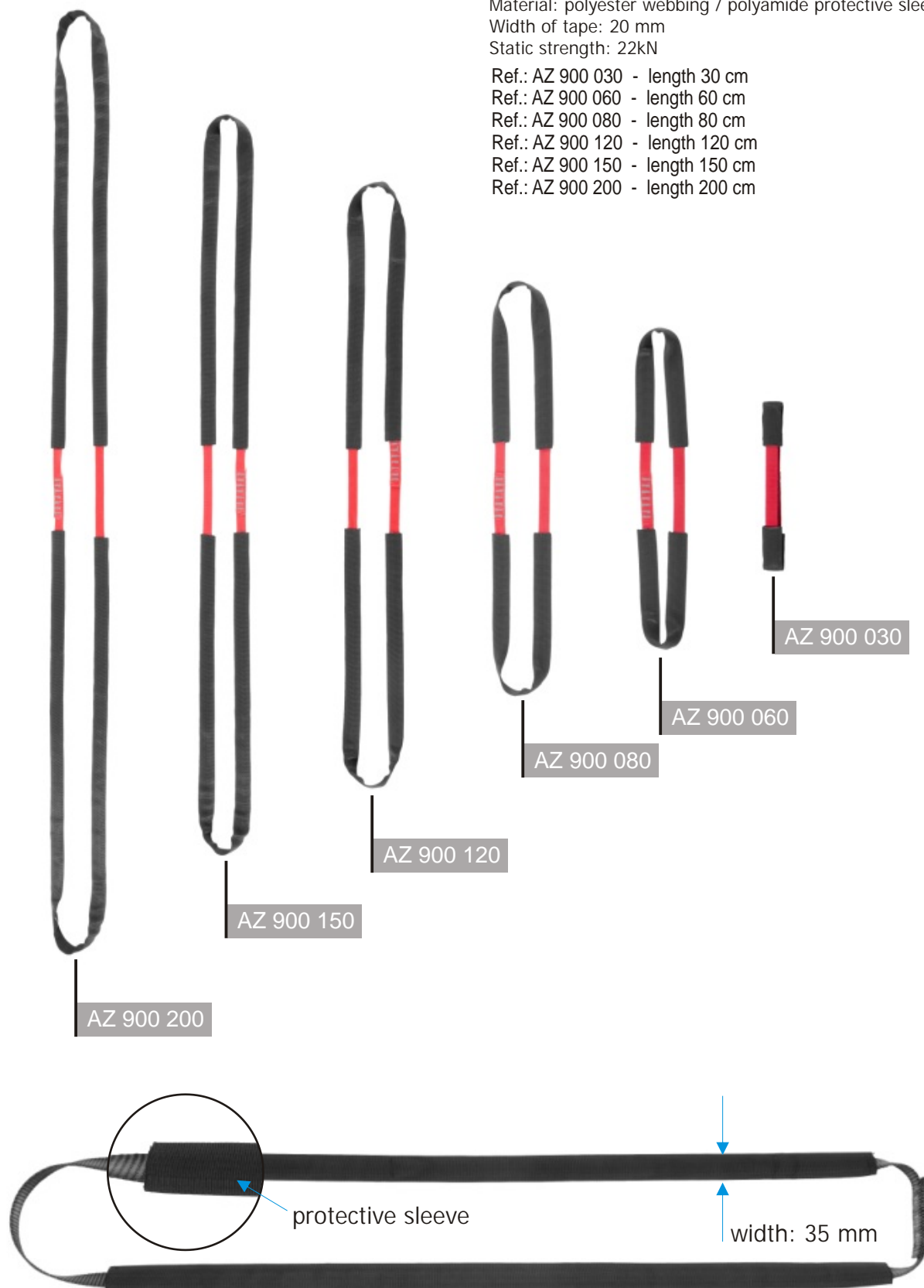
Ref.: AZ 900 060 - length 60 cm

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



AZ 910

webbing sling

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

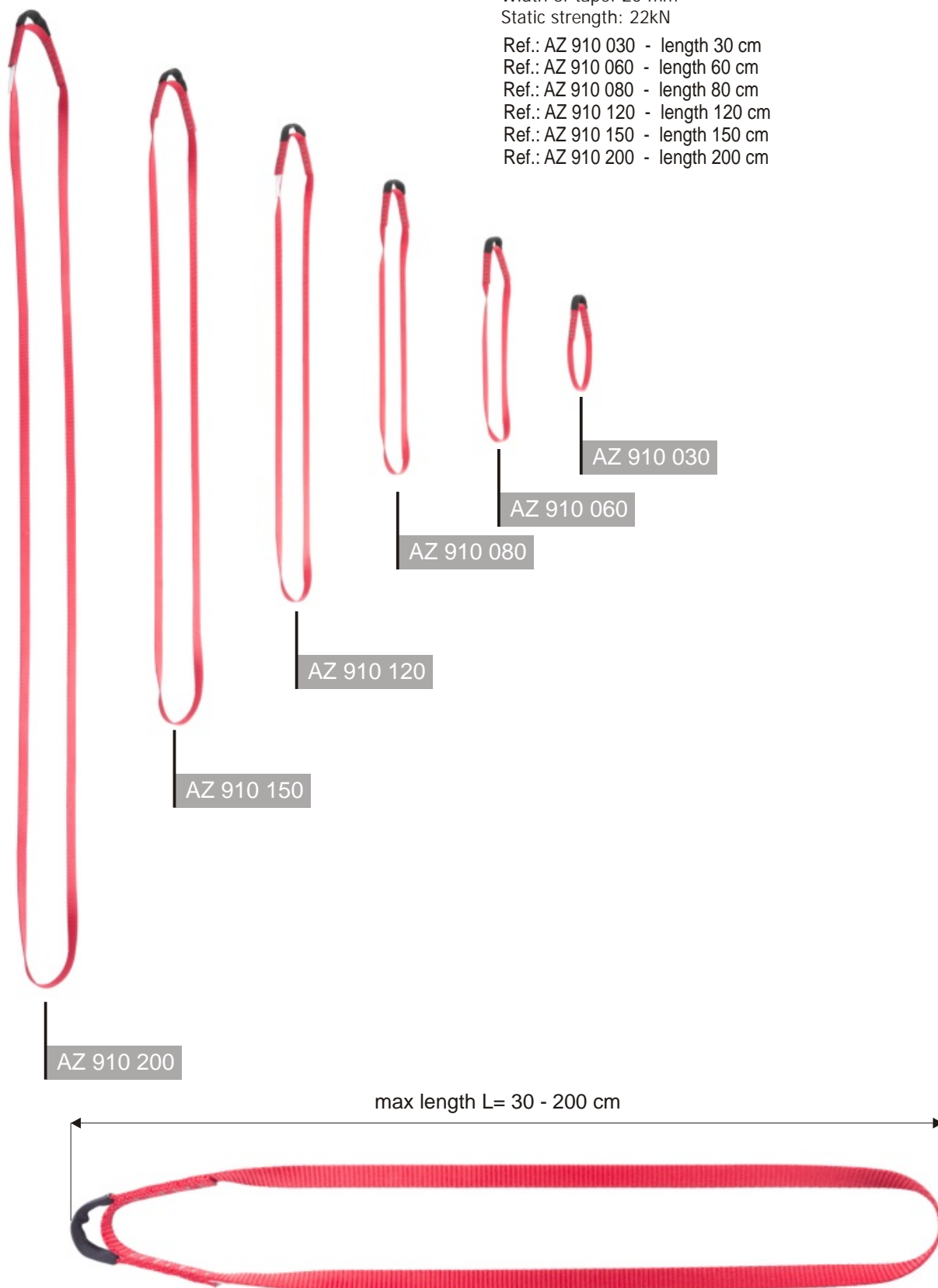
Ref.: AZ 910 060 - length 60 cm

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

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

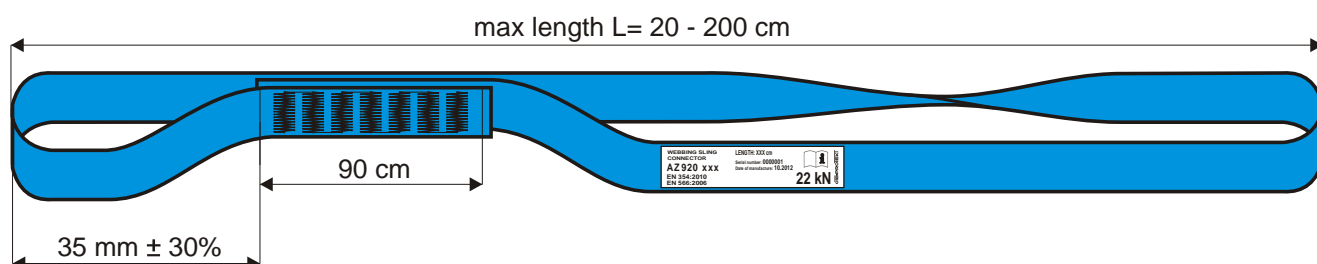
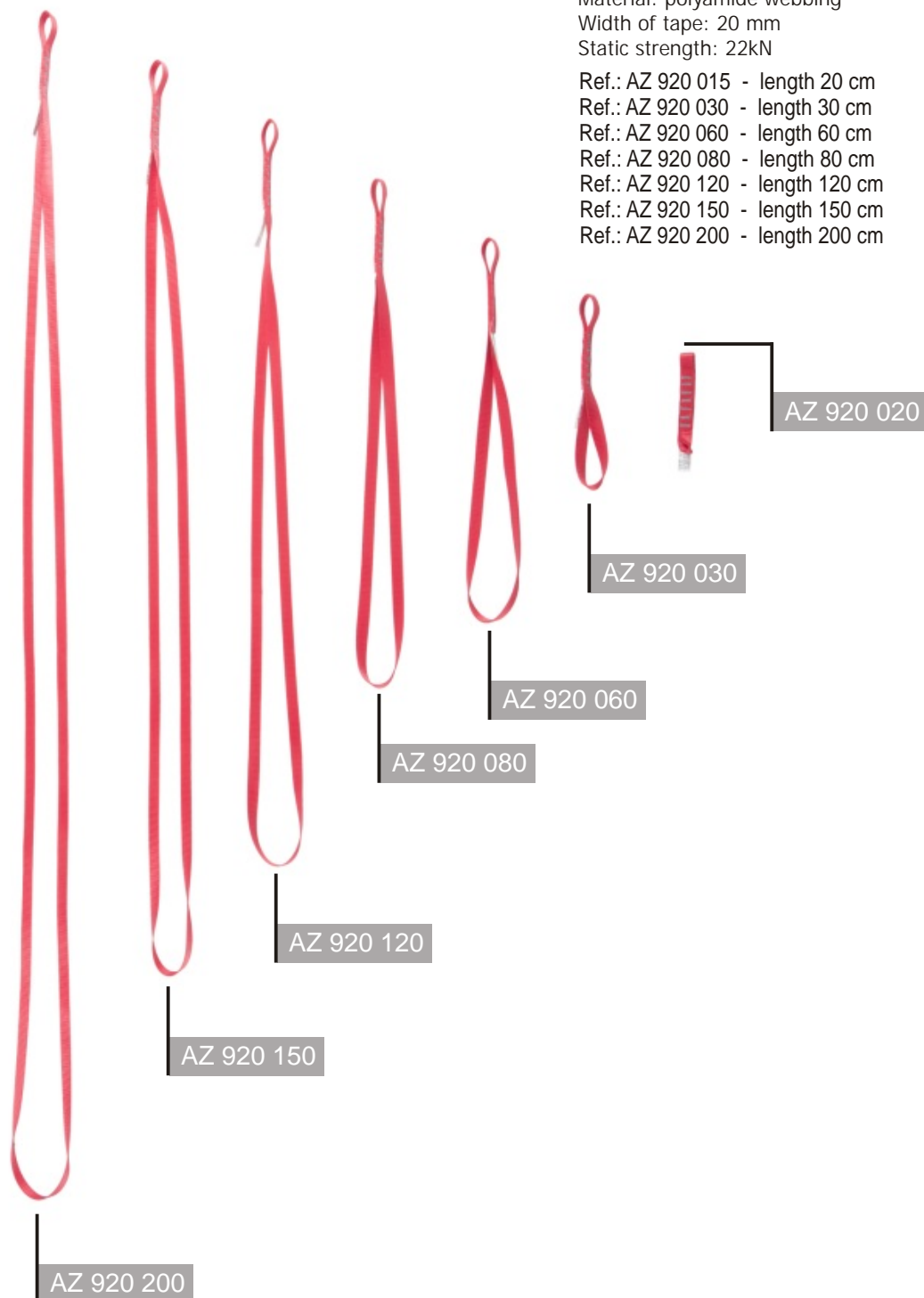
Ref.: AZ 920 060 - length 60 cm

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

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

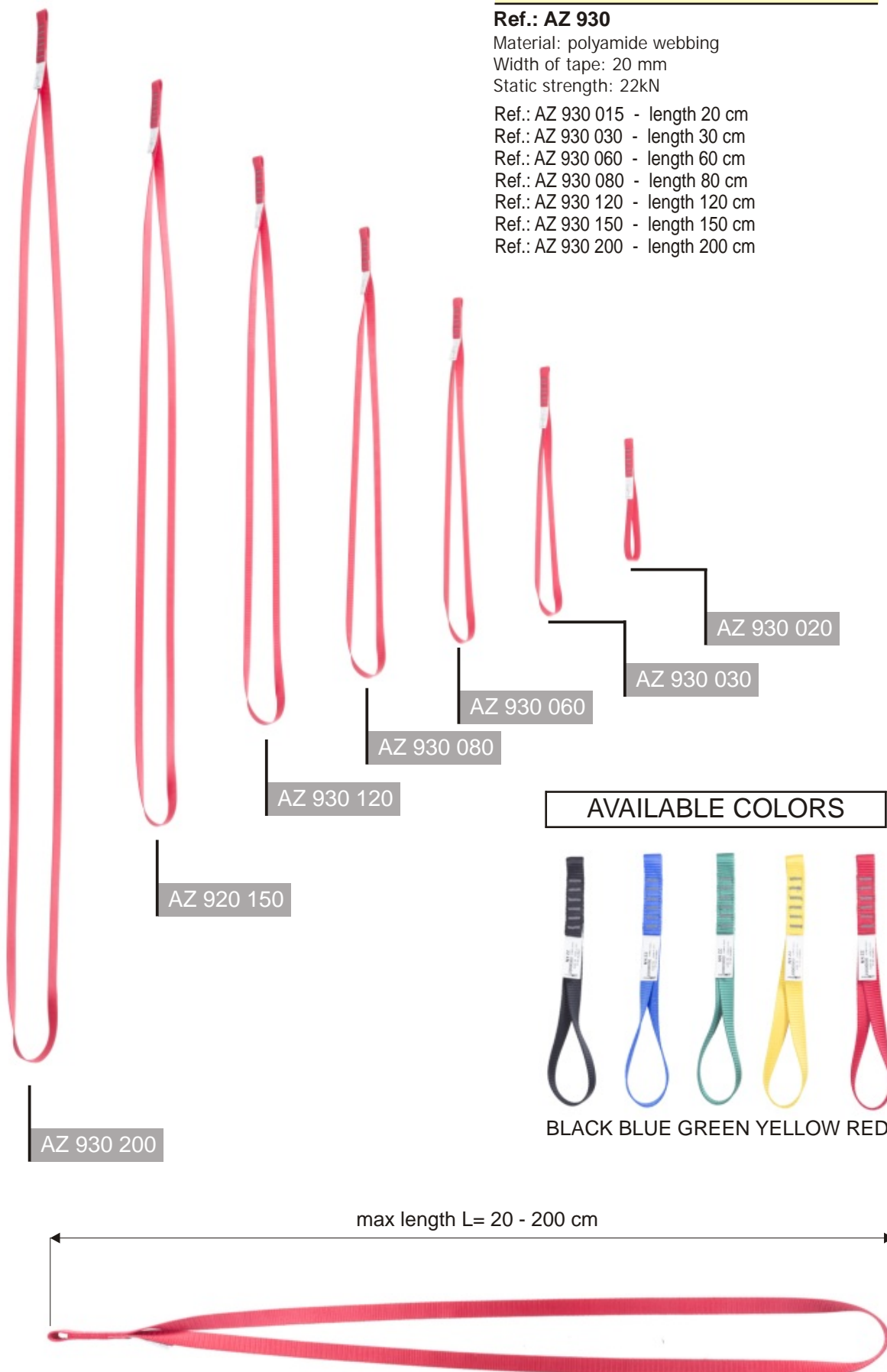
Ref.: AZ 930 060 - length 60 cm

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



Stretchers

DX 017

rescue stretcher

Ref.: DX 017

Steel profiles.

Weight: 10 kg

Dimensions: 2115 x 500 x 120 mm

DX 018

alu rescue stretcher

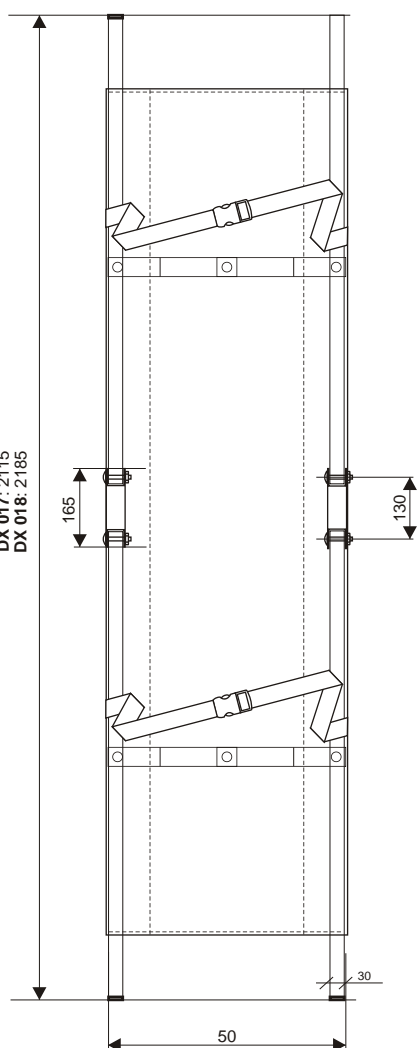
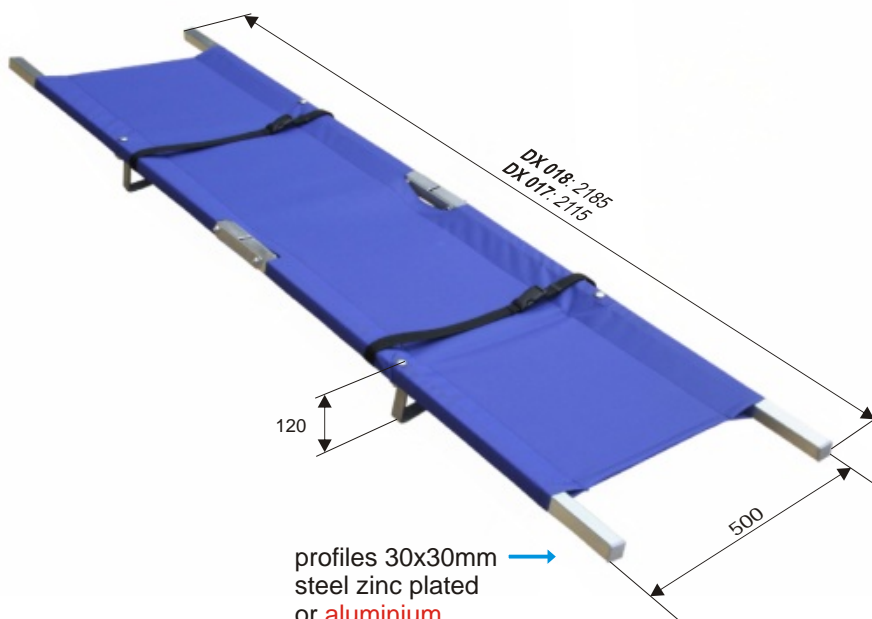
Ref.: DX 018

Alu profiles.

Weight: 4,9 kg

Dimensions: 2185 x 500 x 120 mm

alu stretcher - 4,9 kg



DX 017G

rescue stretcher

Ref.: DX 017G

Steel profiles.

Weight: 10 kg

Dimensions: 2115 x 500 x 120 mm



Stretchers

DX 020 set

rescue stretchers

Ref.: DX 020

Rescue stretchers DX 020 are specially designed for use in confined spaces with limited access. Their design enables usage in rescue operations at height, operations with helicopter, water rescue operations and military operations thanks to their versatility and ease of use.

Parameters:

Size (unfolded): 2435x920mm

Size (folded): fi180x920mm

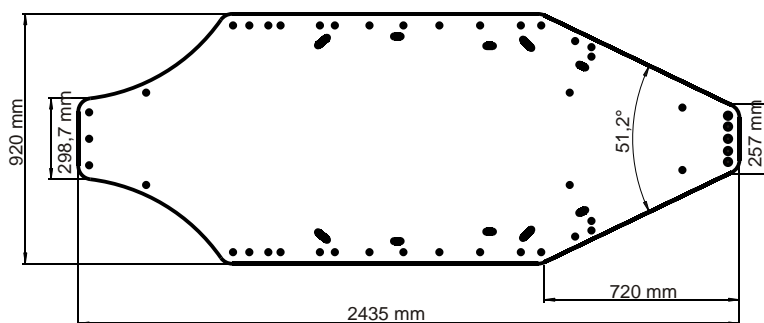
Weight: 6,26kg

Material: PCV + PS

Properties:

- antibacterial
- non-inflammable
- wear resistant
- flexible

Maximal load: 500kg



Sold as a set including:

- transport backpack with ear for pulling the stretchers with the casualty
- sling straps for horizontal transport
- fi10,5mm rope for vertical transport
- four additional holders for transport by a group of rescuers
- snap hooks AZ 018



Stretchers

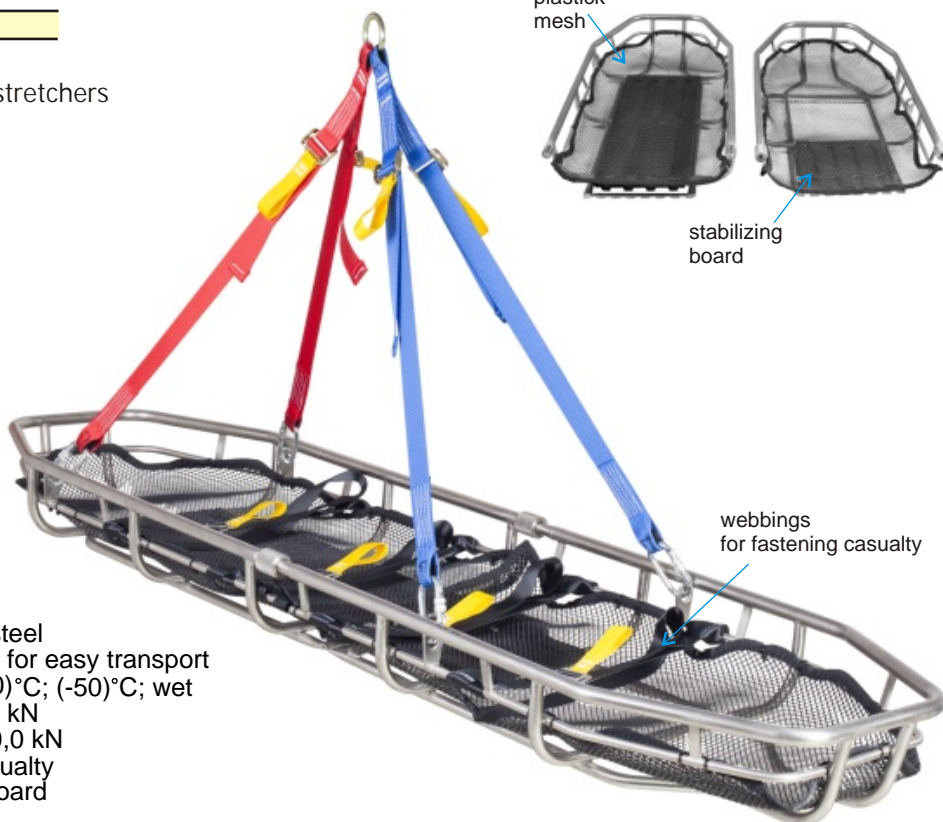
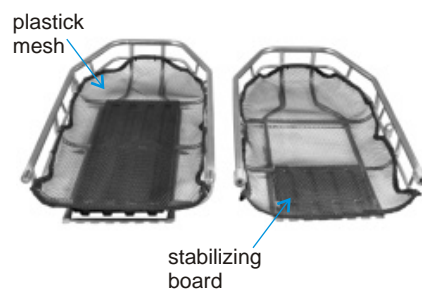
DX 030 set

folding rescue stretchers

Ref.: DX 030

Rescue multifunctional stretchers

SLINGS



PARAMETERS:

- Basket material: stainless steel
- Stretcher can be take apart for easy transport
- Workong temperature: (+50)°C; (-50)°C; wet
- Static strength: not less 5,0 kN
- Braking Force: less than 10,0 kN
- Webbings for fastening casualty
- Special plastic stabilizing board
- Plastic mesh
- Additional webbings (for helicopter or crane usage) - option
- Face protective shield - option

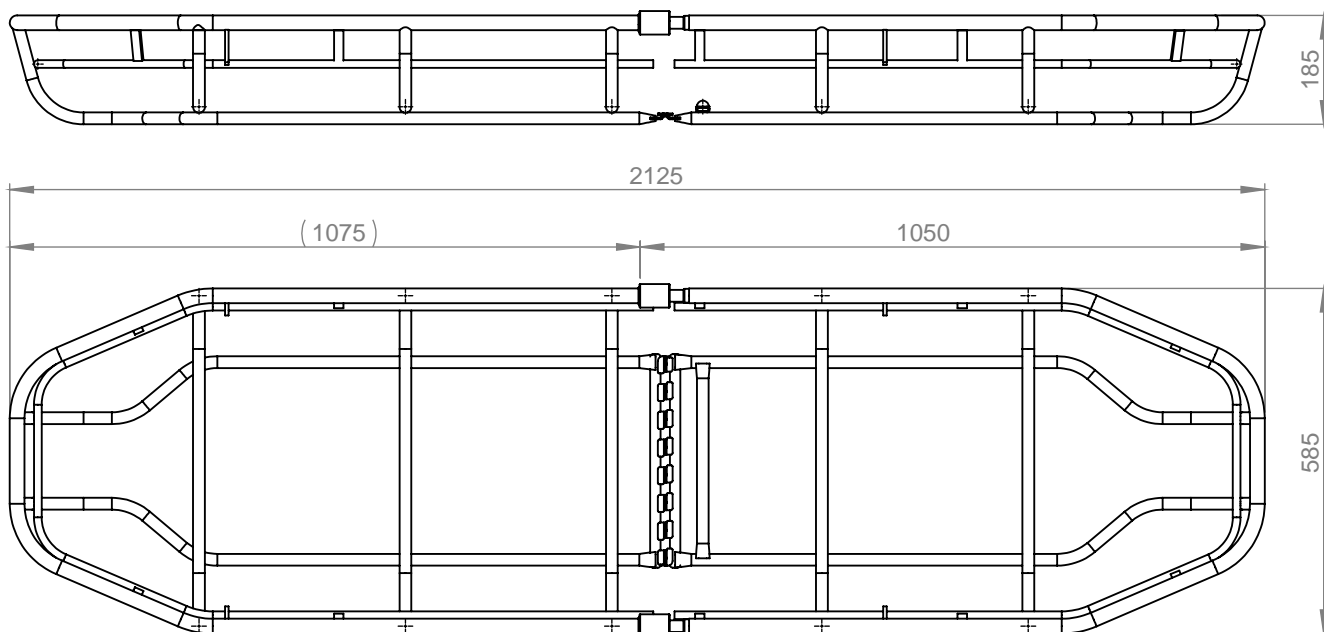
RANGES:

DX 030

Lmax = 2,125 m

weight with equipment: 16,0 kg

DIMENSIONS:



Stretchers

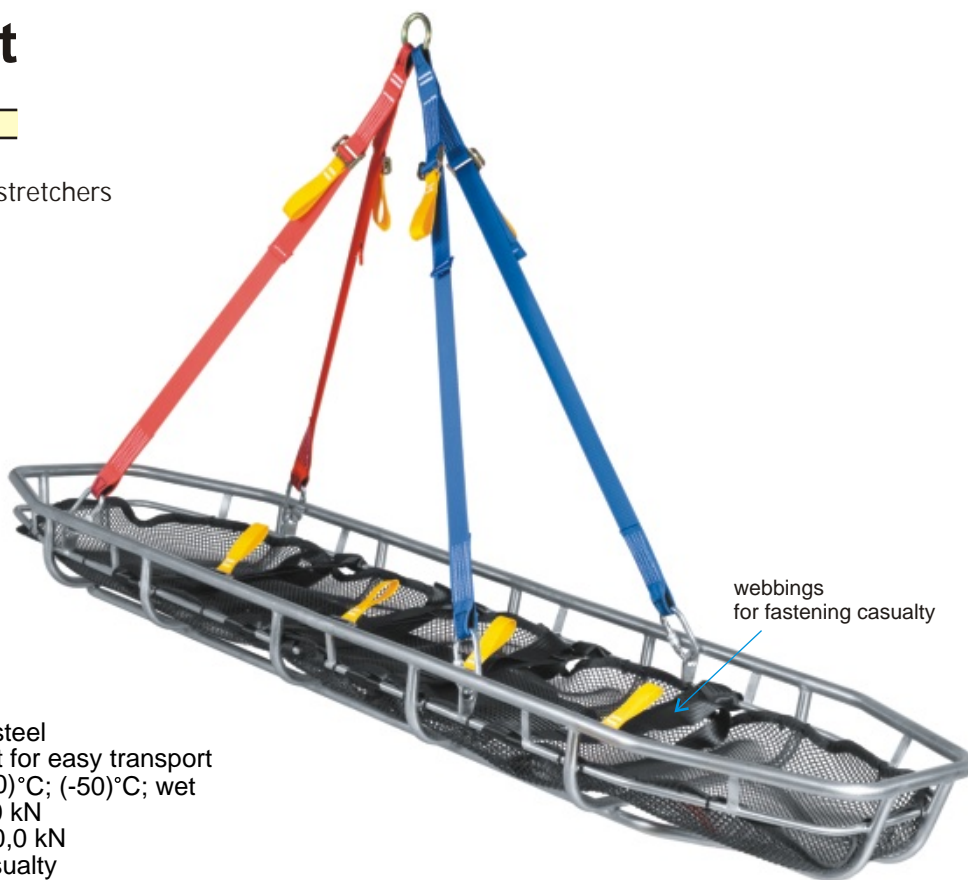
DX 031 set

rescue stretchers

Ref.: DX 031

Rescue multifunctional stretchers

SLINGS



PARAMETERS:

- Basket material: stainless steel
- Stretcher can be take apart for easy transport
- Working temperature: (+50)°C; (-50)°C; wet
- Static strength: not less 5,0 kN
- Braking Force: less than 10,0 kN
- Webbing for fastening casualty
- Special plastic stabilizing board
- Plastic mesh
- Additional webbing (for helicopter or crane usage) - option
- Face protective shield - option

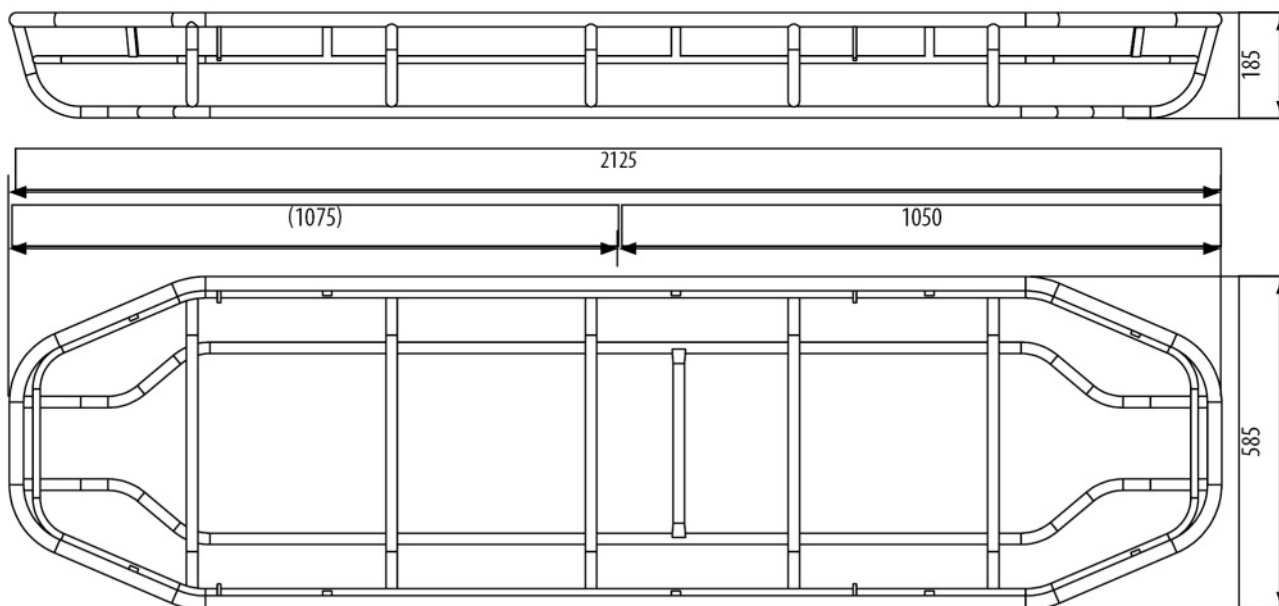
RANGES:

DX 031

Lmax = 2,125 m

weight with equipment: 16,0 kg

DIMENSIONS:



Stretchers

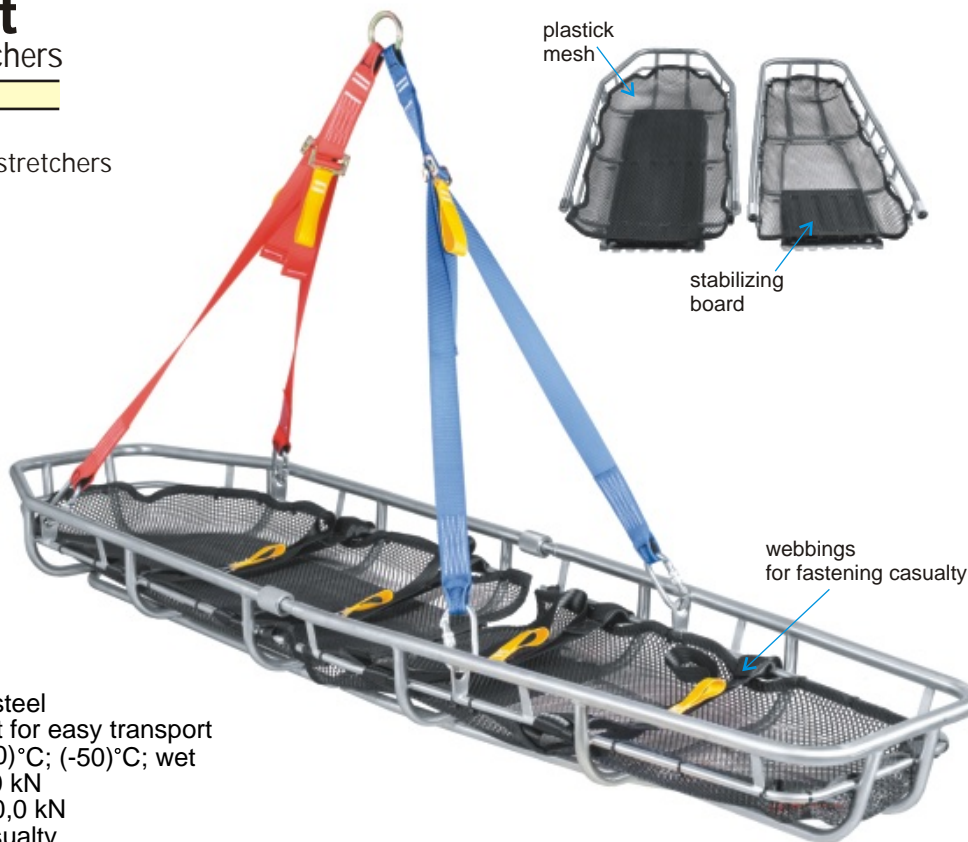
DX 032 set

folding rescue stretchers

Ref.: DX 032

Rescue multifunctional stretchers

SLINGS



PARAMETERS:

- Basket material: stainless steel
- Stretcher can be take apart for easy transport
- Working temperature: (+50)°C; (-50)°C; wet
- Static strength: not less 5,0 kN
- Braking Force: less than 10,0 kN
- Webbings for fastening casualty
- Special plastic stabilizing board
- Plastic mesh
- Additional webbings (for helicopter or crane usage) - option
- Face protective shield - option

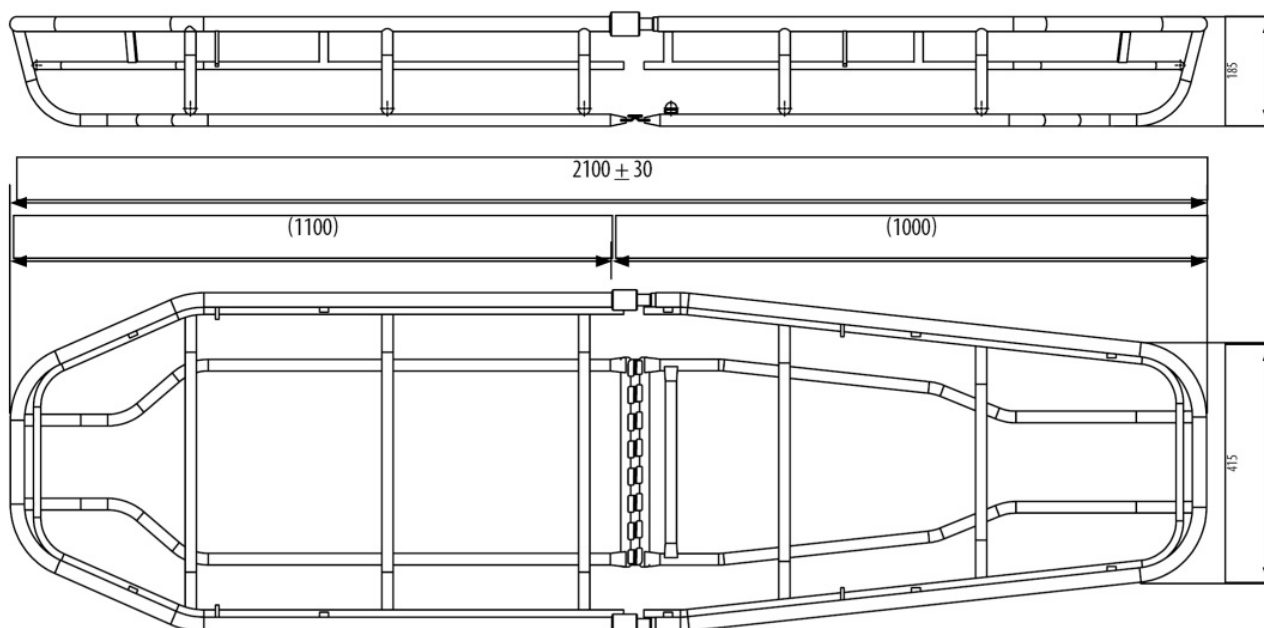
RANGES:

DX 032

Lmax = 2,100 m

weight with equipment: 16,0 kg

DIMENSIONS:



Stretchers

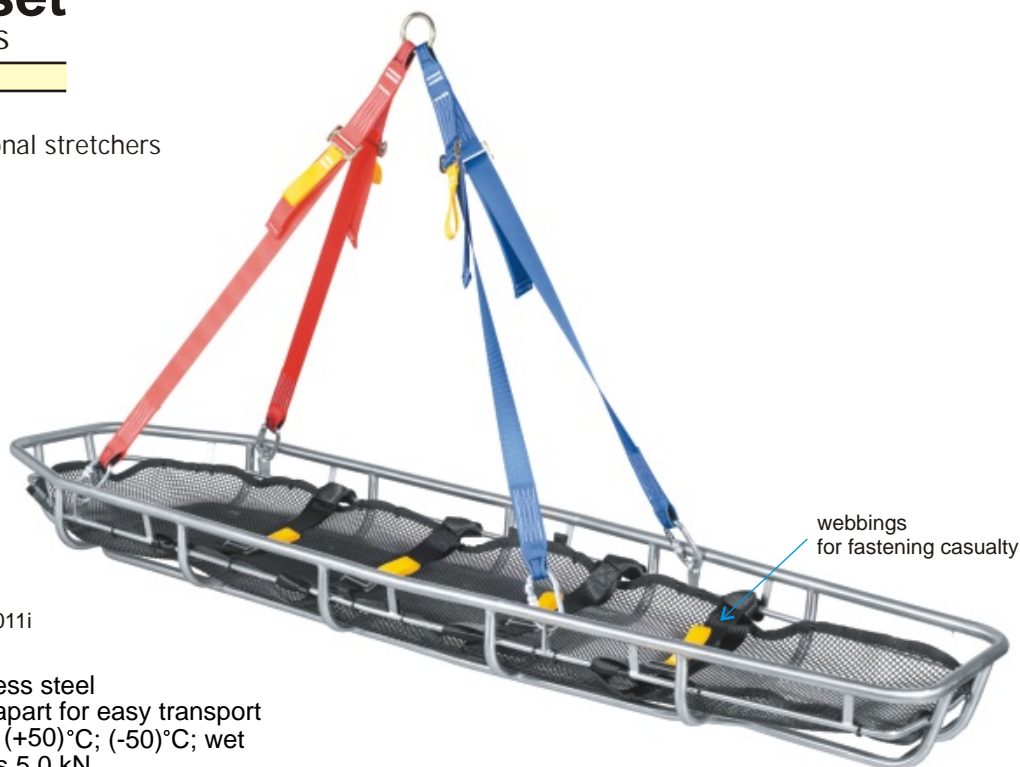
DX 033 set

rescue stretchers

Ref.: DX 033

Rescue multifunctional stretchers

SLINGS



PARAMETERS:

- Basket material: stainless steel
- Stretcher can be take apart for easy transport
- Working temperature: (+50)°C; (-50)°C; wet
- Static strength: not less 5,0 kN
- Braking Force: less than 10,0 kN
- Webbing for fastening casualty
- Special plastic stabilizing board
- Plastic mesh
- Additional webbing (for helicopter or crane usage) - option
- Face protective shield - option

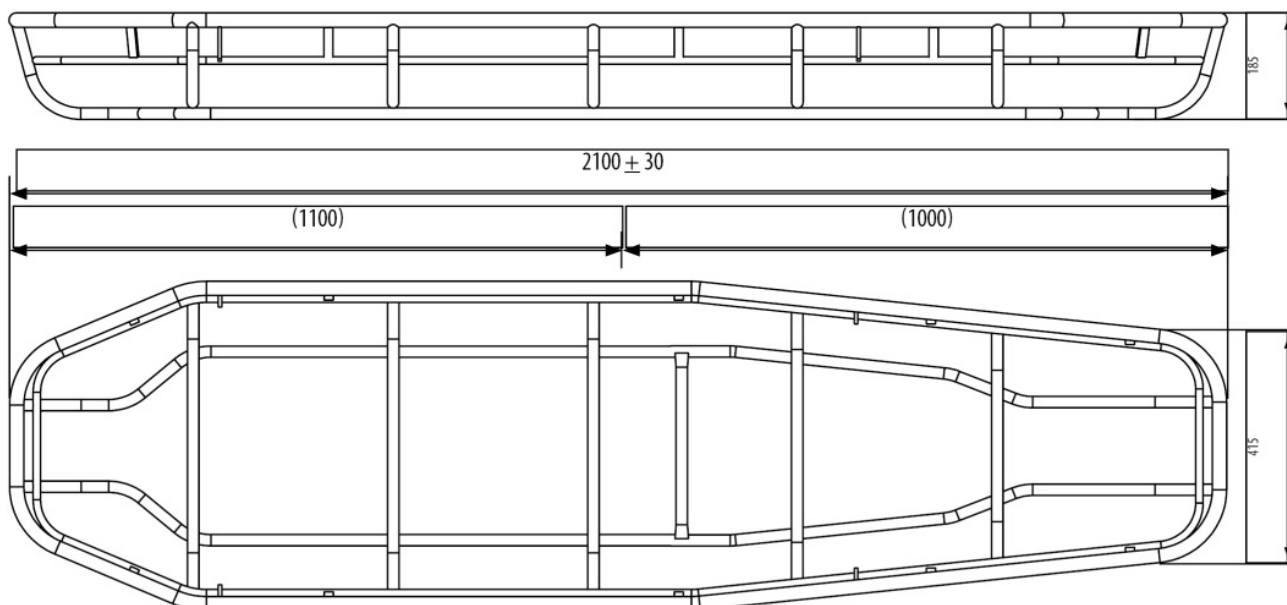
RANGES:

DX 033

Lmax = 2,100 m

weight with equipment: 16,0 kg

DIMENSIONS:



Stretchers

DX 040 set **NEW**

folding rescue stretchers

Ref.: DX 040

Rescue multifunctional stretchers

PARAMETERS:

length: 192,5 cm (96 cm folded)

width: 39,5 cm

height: 9 cm (12 cm folded)

weight: 6 kg

max. load: 300 kg

working temperature: (- 30)°C; (+50)°C; wet

MATERIALS:

frame: aluminium

buckles, screws: galvanized steel

coating:

DX 040 10 - cotton fabric

DX 040 20 - polyester

DX040 10

coating: cotton fabric

webbings
with automatic buckles
for fastening casualty

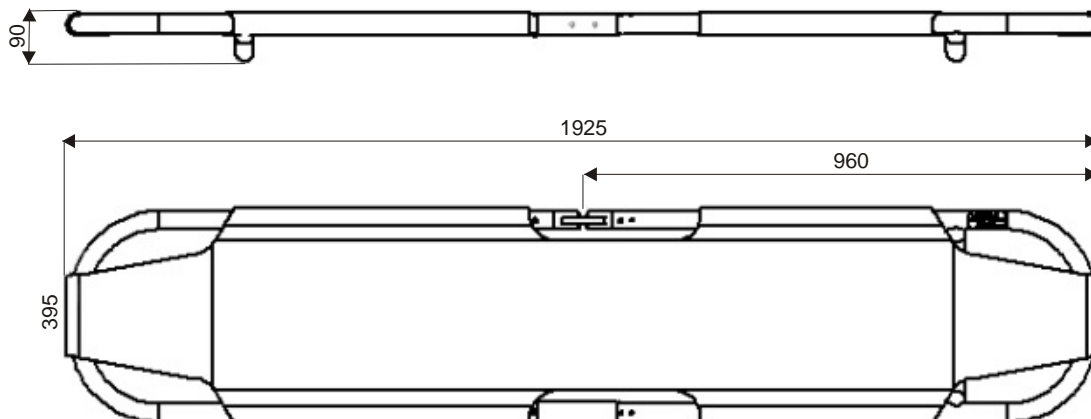
DX040 20
coating: polyester

SLINGS

4 x AZ 011i

FOLDED STRETCHER

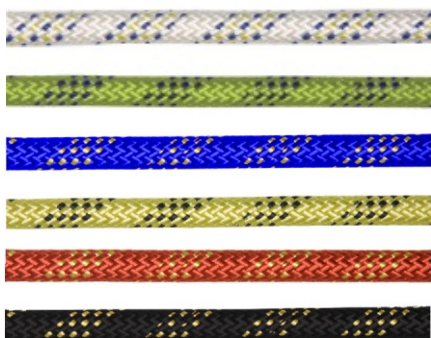
DIMENSIONS:



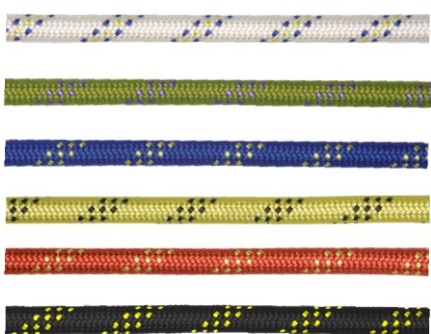
Kernmantle static rope

Poliester 100% termofixed

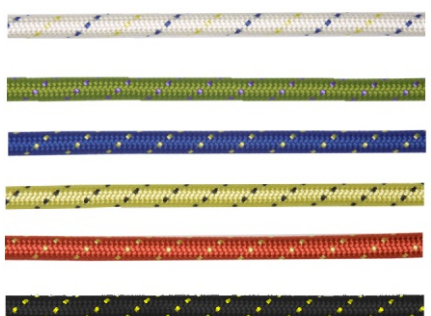
Ref.: LL 140 - Ø 14 mm



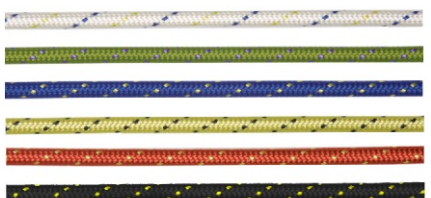
Ref.: LL 120 - Ø 12 mm



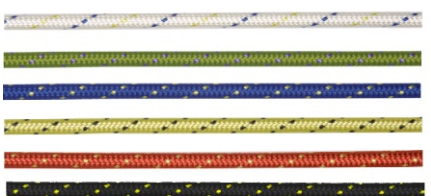
Ref.: LL 110 - Ø 10,5 mm



Ref.: LL 080 - Ø 8 mm



Ref.: LL 060 - Ø 6 mm



Quantity on bobbin:

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



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



EXPERT BAG

Ref.: AX 013A

Dimensions: 600 x 450 x 450 mm

- adjustable padded shoulder strap
- additional adjustable strap for comfortable use
- overprint

LOGO PRINTING

plastic pocket inside for instruction manuals



Transport pack for climbing spikers

Ref.: AX 023

Dimensions: 470 x 320 x 160 mm

Material: reinforced PCV



Bags



AX-010

Transport bag

Dimensions: 380 x 450 mm Weight: 400 g
Material: PVC colour: blue, yellow, red

Ref. AX 010

AX-011

Transport bag

Dimensions: Ø 300 x 600 mm Weight: 600 g
Material: PVC colour: blue, yellow, red

Ref. AX 011

AX-012

Transport bag

Dimensions: Ø 400 x 800 mm Weight: 1050 g
Material: PVC colour: blue, yellow, red

Ref. AX 012



AX-09

Flat bag

Dimensions: 300 x 400 Weight: 120 g
Material: Cotton canvas
Colour: blue, yellow, red, green

Ref. AX 009



AX 011N

tool bag with handle

Dimensions: 300 x 300 x 600 mm
Material: PVC colour: blue, yellow, red

Ref. AX 011N



AX 008

Transport bag

Dimensions: 420 x 420 mm

Material: PCV colour: blue, yellow, red

Ref. AX 008



AX 011K

Transport bag with collar

Dimensions: 300 x 300 x 600 mm

Material: PCV colour: blue, yellow, red

Ref. AX 011K

Bags



AX-011D

Transport bag

Dimensions: Ø 300 x 300 x 600 mm

Material: PVC colour: blue, yellow, red

Ref. AX 011D



TA-301

Double pocketed tool bag for safety harness

Dimensions: 330 x 100 x 300 mm Weight: 360 g

Material: PVC colour: blue, yellow, red

Ref. TA 301



AX 801

Ballast bag

Max load: 5 kg

Material: PVC colour: blue, yellow, red

Ref. AX 801



AX-201

Metal case

Dimensions: 430 x 280 x 90 mm Weight: 2560 g

Material: painted steel

Ref. AX 201



AX-015

Tripod bag for TM-8

Dimensions: 1510 x 410 x 330 mm

Material: PVC colour: blue, yellow, red

Ref. AX 015

AX-202

Metal case

Dimensions: 430 x 280 x 120 mm Weight: 2860 g

Material: painted steel

Ref. AX 202

AX-016

Tripod bag for TM-9

Dimensions: 1800 x 230 x 200 mm

Material: PVC colour: blue, yellow, red

Ref. AX 016

AX-203

Metal case

Dimensions: 430 x 280 x 180 mm Weight: 3400 g

Material: painted steel

Ref. AX 203

Accessories

TU 320

rope protector

Ref. TU 320

Material: natural leather

Weight: 0,29 kg



TU 323

pad, rope protector

Ref. TU 323

Material: PS + PCV

Available colours: orange, and khaki

The pad is designed to serve as a multifunctional patch enabling i.e. comfort storing of laces and thin lines, protecting sharp edges when using lifelines, guarding rope ends against damaging by sheave blocks, etc.



TU 321

rope guard

Ref. TU 321

TU 321 - rope guard made of leather and PCV is suitable for rope of self-locking device and complies with EN 353-2 (Linostop II, AC 010), preventing the rope from wearing out.

Ref.: TU 321 050 - length 50 cm;

Ref.: TU 321 100 - length 100 cm;



TU 322

rope guard

Ref. TU 322

TU 321 - rope guard made of leather and PCV is suitable for rope of self-locking device and complies with EN 353-2 (Linostop II, AC 010), preventing the rope from wearing out.

Ref.: TU 322 050 - length 50 cm;

Ref.: TU 322 100 - length 100 cm;

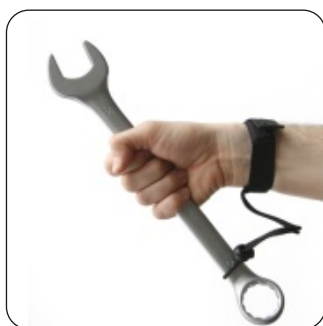


Accessories



PS 001
Pad for safety harness

Ref. PS 001



AY 001
Tool holder

Ref. AY 001



AY 002
Tool holder

Ref. AY 002



AY 022
Tool holder with
connecting buckle

Ref. AY 022



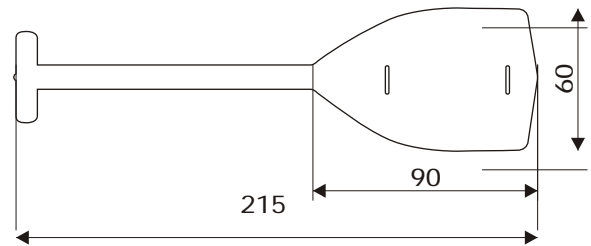
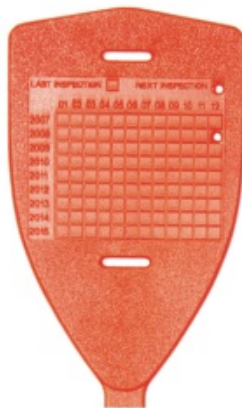
Accessories

AY-004 Periodic inspection TAG

option a)
last inspection



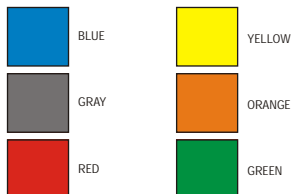
option b)
next inspection



thickness 2,3 mm



Available colours:



Example of usage



AY-005 Perforator

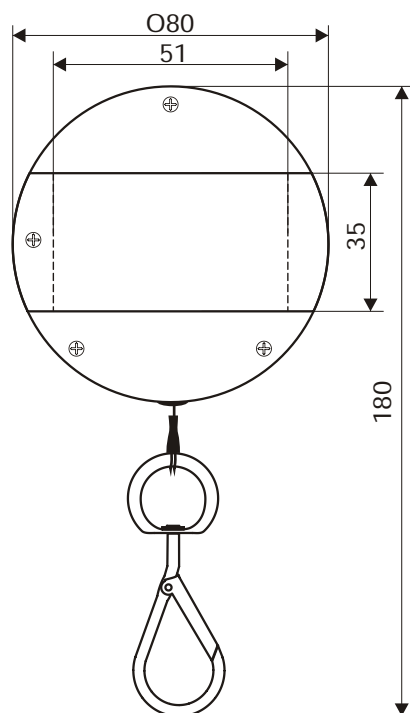
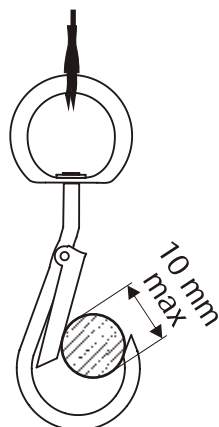
using perforator
mark a date
(month/year)
of the inspection



Accessories

AY 003 Retractable tool holder

Ref. AY 003



Example of usage



Use with Hand Tools Only

AY 023 Steel tool cable

Ref. AY 023



Harness display



DP-001 **Light harness display**

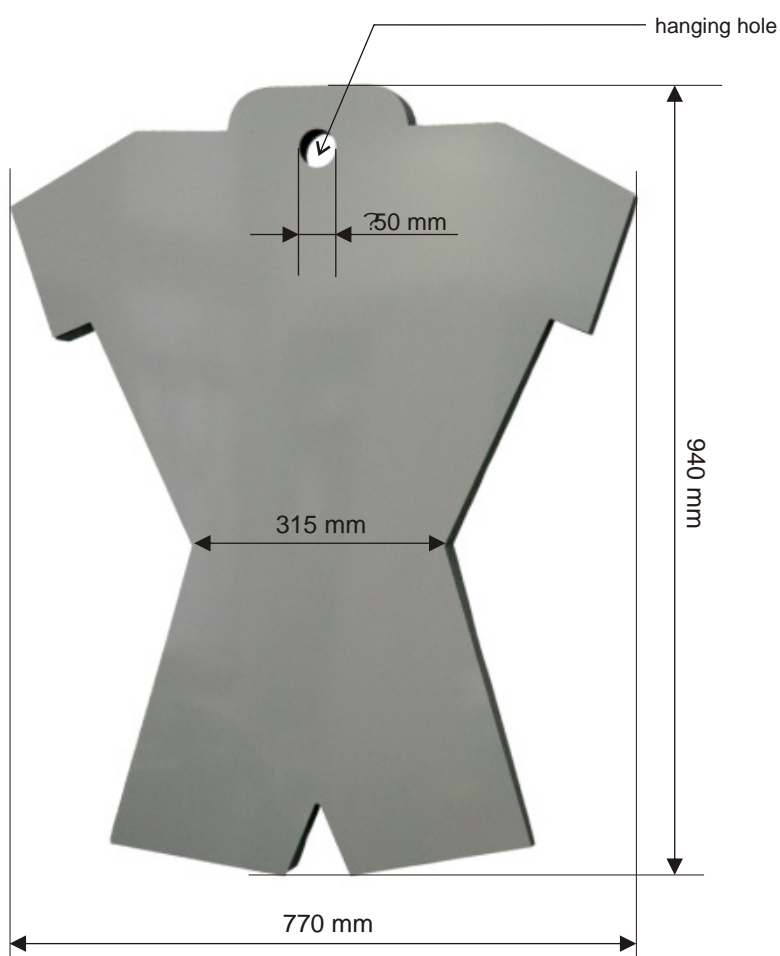
Light and handy trunk for harness exhibition.
Excellent for fair and presentation.

Elastic foam
and PCV composite

Color - Ash Grey

Thickness 53 mm

Weight 1,4 kg



Elastic belt

PE 010
Elastic belt



XXL Ref.: PE 010 04



XL Ref.: PE 010 03



L Ref.: PE 010 02



M Ref.: PE 010 01

Screen

GT 020

SCREEN



Ref.: GT 020 160

Ref.: GT 020 161 + printing

Ref.: GT 020 180

Ref.: GT 020 181 + printing

Weight: 5,25kg - GT 020 160 (1,60m x 1,60m)

6,80kg - GT 020 180 (1,80m x 1,80m)

Material: polyester

Number of segments: 4

Dimensions of a single segment: 1,60 x 1,60m
1,80 x 1,80m

Version for police and fire brigade.



FAST AND EASY SET UP TAKE DOWN.

New stabilizing feet.

Material: powder coated steel

Dimensions: 60 x 8cm

Weight: 0,85kg



Stick with fiberglass.

Material: fiberglass

Length: 112,0cm (GT 020 160)

127,5cm (GT 020 180)



Screens



Stabilizing feet screen.



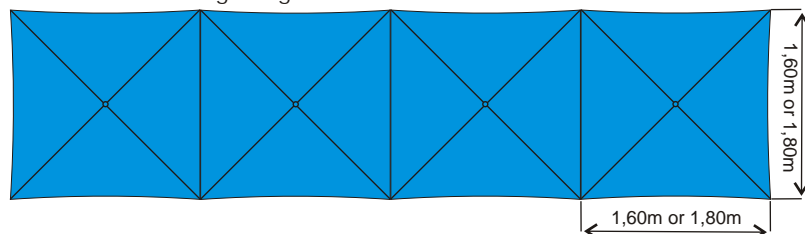
Primary colors:



Red

Blue

Dimensions of a single segment:



Dimensions of a single segment:
GT 020 160 - 120x20cm / GT 020 180 - 130x22cm



PROTEKT®

protective equipment against falls from height / www.protekt.com.pl

Screen

GT 030

SCREEN WITH REFLECTIVE STRIPS



Ref.: GT 030 160

Ref.: GT 030 161 + printing

Ref.: GT 030 180

Ref.: GT 030 181 + printing

Weight: 5,75kg - GT 030 160 (1,60m x 1,60m)

7,30kg - GT 030 180 (1,80m x 1,80m)

Material: polyester

Number of segments: 4

Dimensions of a single segment: 1,60 x 1,60m
1,80 x 1,80m



FAST AND EASY SET UP TAKE DOWN.

Version for police and fire brigade.



New stabilizing feet.

Material: powder coated steel

Dimensions: 60 x 8cm

Weight: 0,85kg



Stick with fiberglass.

Material: fiberglass

Length: 112,0cm (GT 030 160)

127,5cm (GT 030 180)



Stabilizing feet screen.



Primary colors:



Red



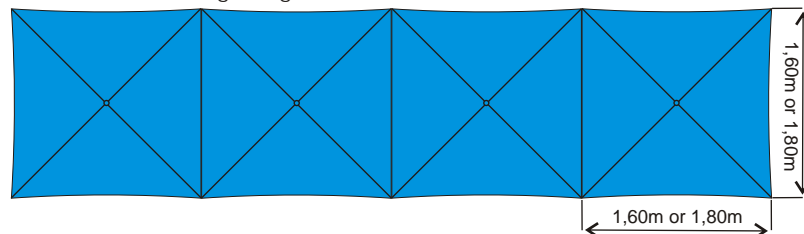
Blue

Dimensions of a single segment:

GT 030 160 - 120x20cm / GT 030 180 - 130x22cm



Dimensions of a single segment:



Ground tent

GT 110 Ground tent

Ref. GT 110

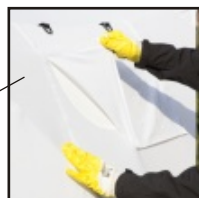
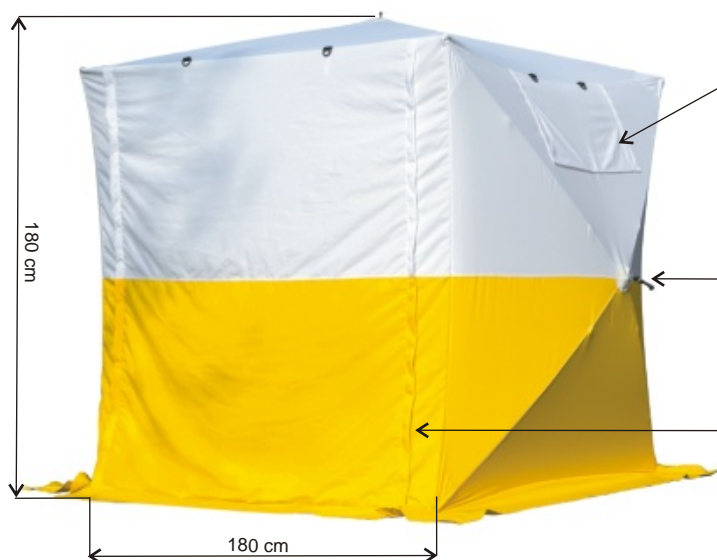
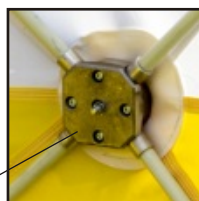
- Fast and easy set up and take down
- High visibility yellow and white colours
- Tie down capabilities to the inside or outside
- Screen window with flaps on two side

Weight: 10,00 kg

Dimensions: 180 x 180 x 180 cm

Folded size: 140 x 25 x 25 cm

Material: polyester



Open set up time - 3 min.
Close set up time - 3 min.

Plastic safety barrier

AT 210

SAFETY BARRIER FOR FENCING OFF AREAS



Ref.: AT 210

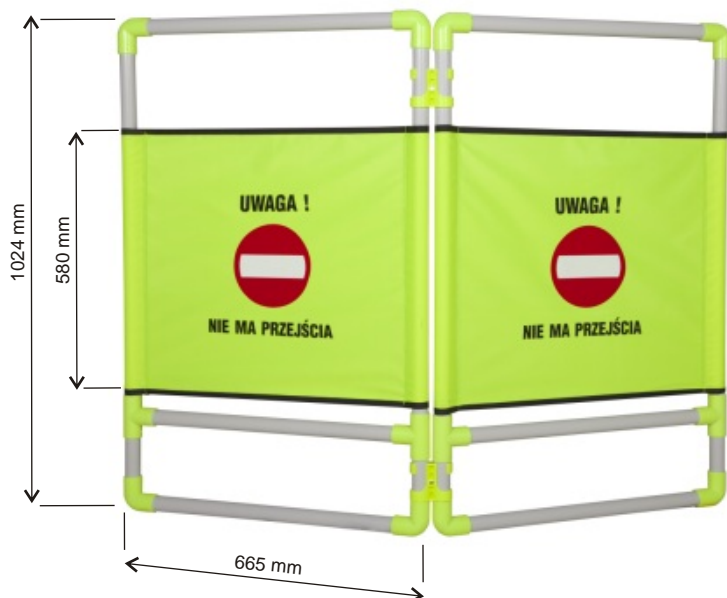
Material: PCV + ABS

Weight of one unit: 1.2 kg

Dimensions of one unit: 1024 x 665 mm

AT 210 is a light plastic safety barrier used for fencing off areas such as passageways, stairs, lifts, or devices, wherever it is necessary to e.g. temporarily prevent passage. Its modular structure ensures a quick assembly and allows for any arrangement of the fenced off space. Any number of units can be joined together.

2 HORIZONTAL UNITS



AT 210-02

CONNECTOR



Ref.: AT 210-02



METHOD OF JOINING



4 VERTICAL UNITS



USAGE EXAMPLES



Blowers and accessories



WP 011 Plastic blower

Ref. WP 011

Motor specification

- Voltage: 230-250 V
- Frequency: 50-60 Hz
- Electric Motor: 185 W

Dimensions

- Weight: 8,10 kg
- Height: 47,00 cm
- Length: 38,10 cm
- Width: 31,75 cm

Noise - 80 dB

Airflow - 1392 m³/h

WP 013 Plastic blower

Ref. WP 013

Motor specification

- Voltage: 230-250 V
- Frequency: 50-60 Hz
- Electric Motor: 745 W

Dimensions

- Weight: 14,75 kg
- Height: 53,30 cm
- Length: 43,15 cm
- Width: 35,55 cm

Noise - 85 dB

Airflow - 3552 m³/h



Duct

Ref. WP 110

Diameter: 20 cm - for **WP-011**

WP 110 04 - max. length 4,00 m

WP 110 07 - max. length 7,10 m

Ref. WP 130

Diameter: 29 cm - for **WP-013**

WP 130 04 - max. length 4,00 m

WP 130 07 - max. length 7,10 m



Duct connector

Ref. WP 310

Diameter: 20 cm - for **WP-011**

Ref. WP 330

Diameter: 29 cm - for **WP-013**



Duct coupler

Ref. WP 410

Diameter: 20 cm - for **WP-011**

Ref. WP 430

Diameter: 29 cm - for **WP-013**



Blowers and accessories

WP 212

Complete ventilation set



WP 200

Duct with carrier

WP 200 04

- Max. duct length - 4,00 m
- Duct diam. 20 cm
- Weight - 5,30 kg
- Carrier height: 36 cm
- Carrier length: 58 cm
- Carrier width: 30 cm

WP 200 07

- Max. duct length - 7,10 m
- Duct diam. 25 cm
- Weight - 10,30 kg
- Carrier height: 36 cm
- Carrier length: 82 cm
- Carrier width: 30 cm



WP 212 04 (WP 012 + WP 200 04)

- Max. duct length - 4,00 m (duct diam. 20 cm)
- Weight - 13,30 kg
- Height: 36 cm
- Length: 80 cm
- Width: 30 cm
- Airflow - 1182 m³/h

WP 212 07 (WP 012 + WP 200 07)

- Max. duct length - 7,10 m (duct diam. 25 cm)
- Weight - 18,30 kg
- Height: 36 cm
- Length: 105 cm
- Width: 30 cm
- Airflow - 1130 m³ /h

Motor specification

- Voltage: 230-250 V
- Frequency: 50-60 Hz
- Electric Motor: 245 W

Ultra quiet - 74 dB

WP 012

Plastic blower

Ref. WP 012

Motor specification

- Voltage: 230-250 V
- Frequency: 50-60 Hz
- Electric Motor: 245 W

Dimensions

- Weight: 8,00 kg
- Height: 36 cm
- Length: 33 cm
- Width: 30 cm

Ultra quiet - 74 dB
Airflow - 1440 m³/h



DL 010

WIDE ROPE LADDER

PN-83/W-52501-POINT 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

WIDE ROPE LADDER

PN-83/W-52501-POINT 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 15 - rope 25 m

DL 010C 30 - rope 30 m



DL 011

NARROW ROPE LADDER

PN-83/W-52501-POINT 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

WIDE ROPE LADDER

PN-83/W-52501-POINT 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

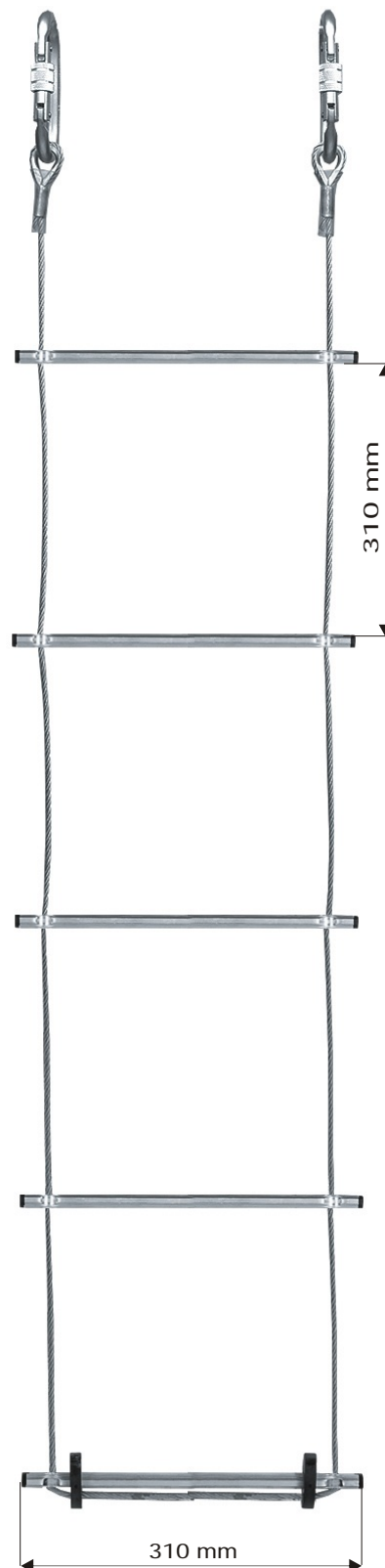
DL 012 10 - rope 10 m

DL 012 15 - rope 15 m

DL 012 20 - rope 20 m

DL 012 15 - rope 25 m

DL 012 30 - rope 30 m



DL 013

NARROW ROPE LADDER

PN-83/W-52501-POINT 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 15 - rope 25 m

DL 013 30 - rope 30 m



DL 013C

NARROW ROPE LADDER

PN-83/W-52501-POINT 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 ROOF LADDER

PN-83/W-52501-POINT 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:

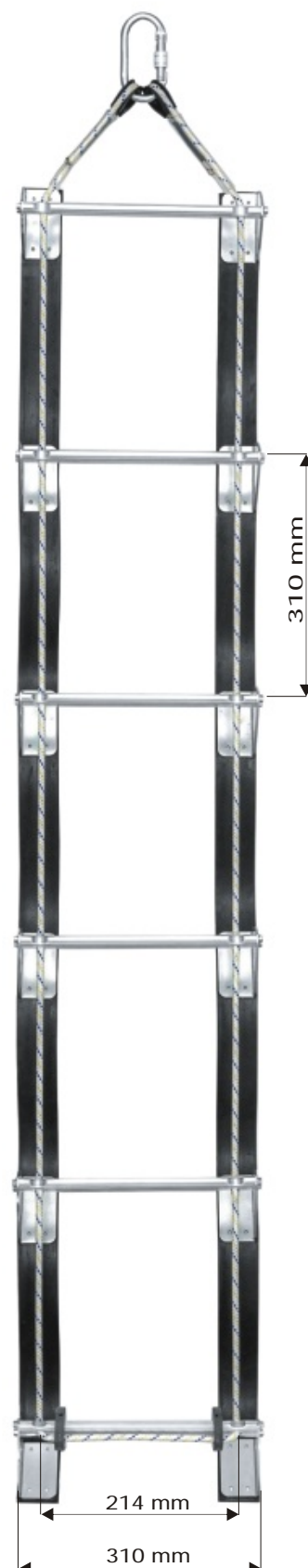
2,5 kg - 1 m.b.

Dimensions:

width - 310 mm
distance between steps - 310 mm

Length:

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



DS 240 / DS 241 / DS 242 **NEW!**

TELESCOPIC ALUMINIUM LADDER - gray



Ref. DS240, DS241, DS242

Telescopic foldable ladder have been designed to be compact enough to store in the most confined areas. Made of reinforced anodized aluminium. Angle accession ladder 70°.

Available in three heights:

2.6 m - 3.2 m - 3.8 m and two colors anode: gray and black.

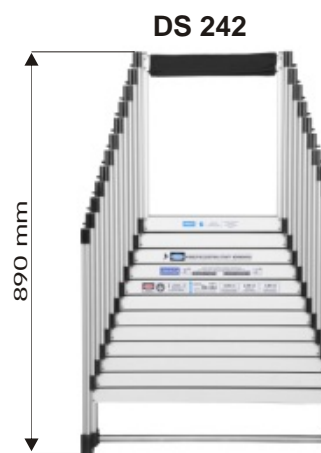
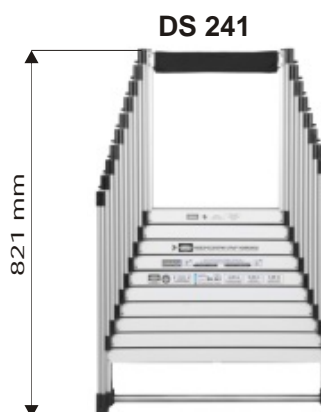
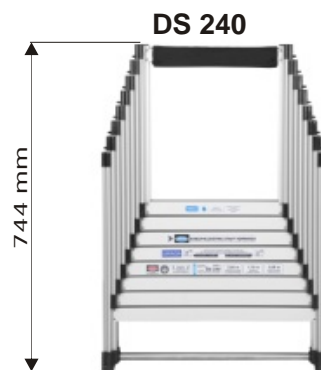
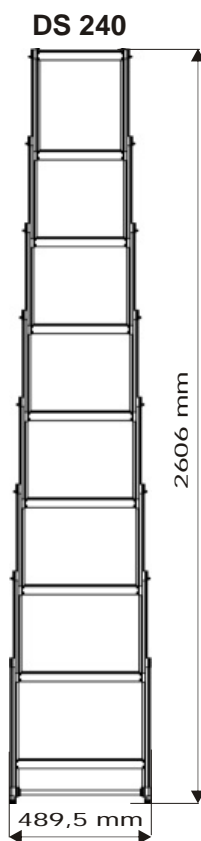
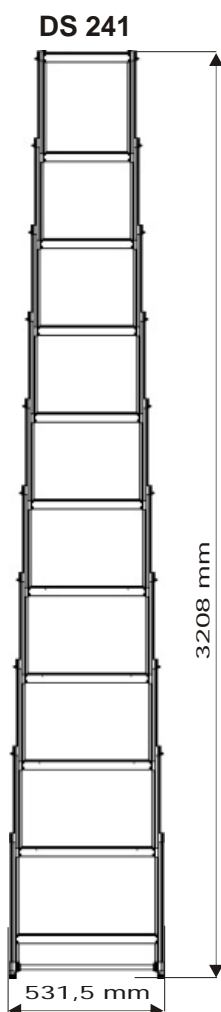
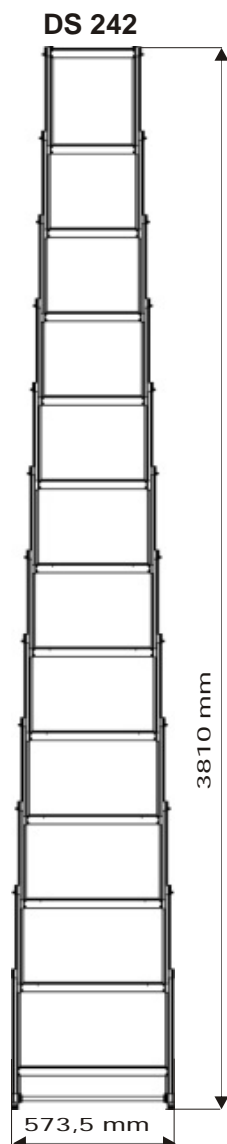
Height:

DS 240-260 cm / DS 241-320 cm / DS 242-380 cm

Weight:

DS 240-8,9 kg / DS 241-11,2 kg / DS 242-12,9 kg

Max. Load: 150 kg



DS 240 / DS 241 / DS 242 **NEW!**

TELESCOPIC ALUMINIUM LADDER - black



Ref. DS240, DS241, DS242

Telescopic foldable ladder have been designed to be compact enough to store in the most confined areas. Made of reinforced anodized aluminium. Angle accession ladder 70°.

Available in three heights:

2.6 m - 3.2 m - 3.8 m and two colors anode: gray and black.

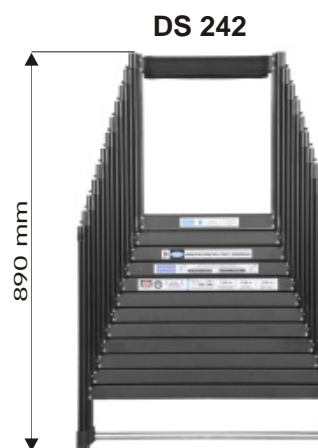
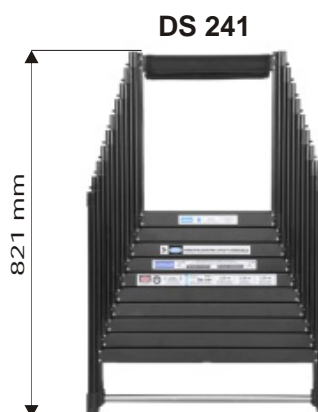
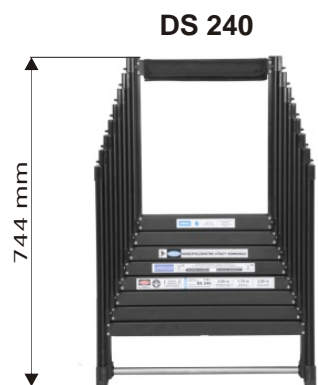
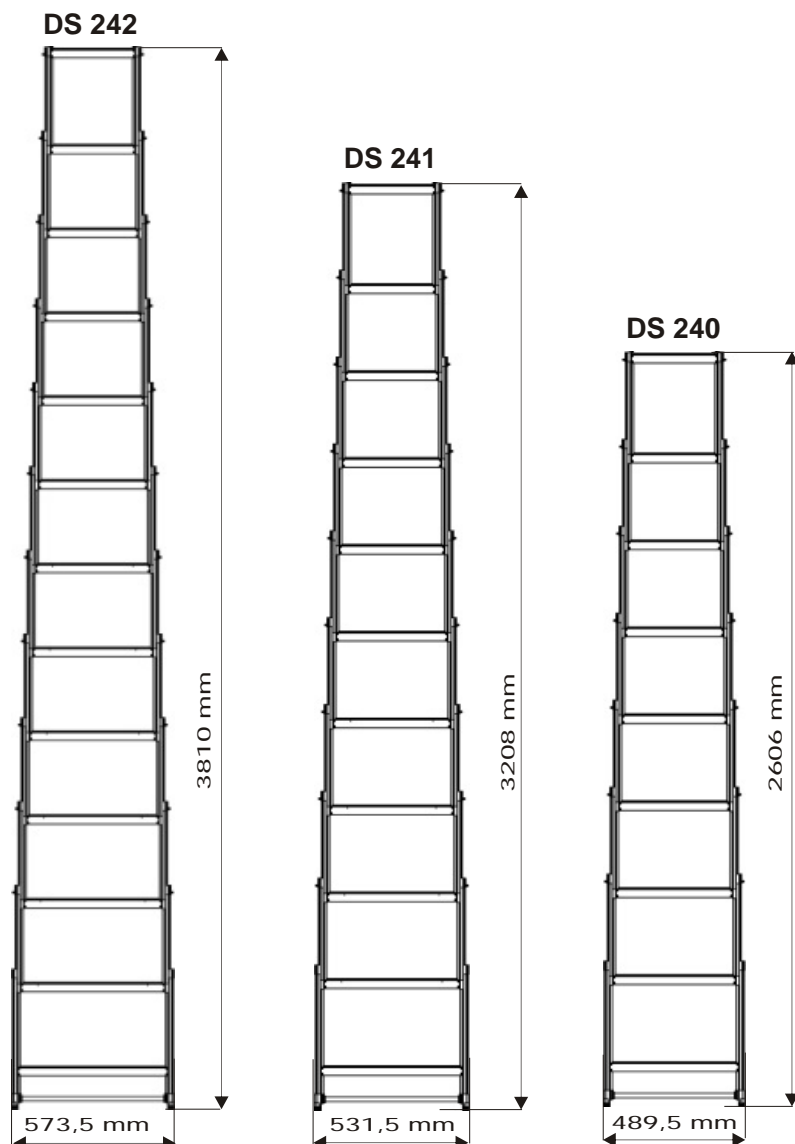
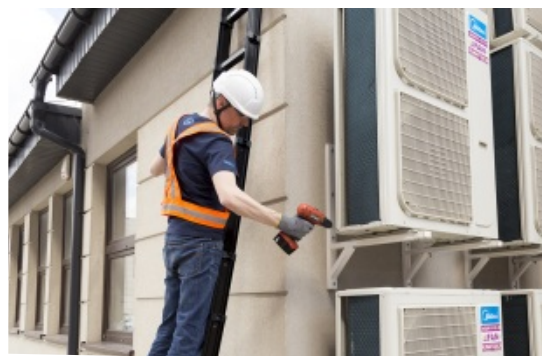
Height:

DS 240-260 cm / DS 241-320 cm / DS 242-380 cm

Weight:

DS 240-8,9 kg / DS 241-11,2 kg / DS 242-12,9 kg

Max. Load: 150 kg



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 comfort sweatband 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

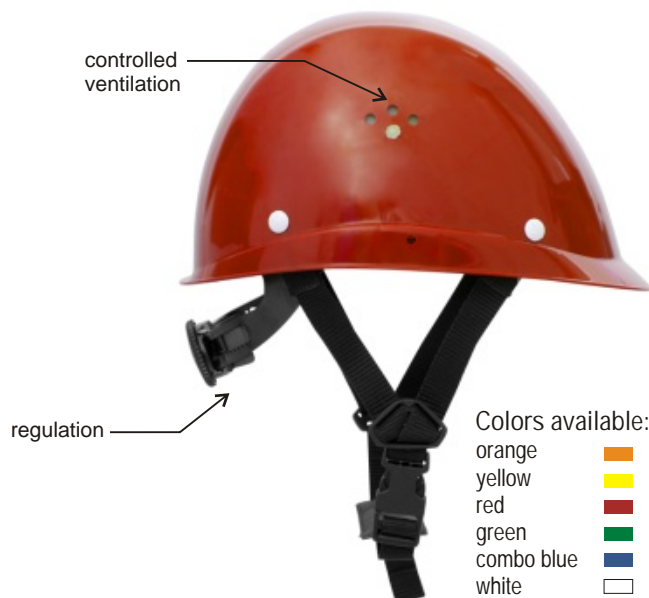
EN 397 / EN 124925.7



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	

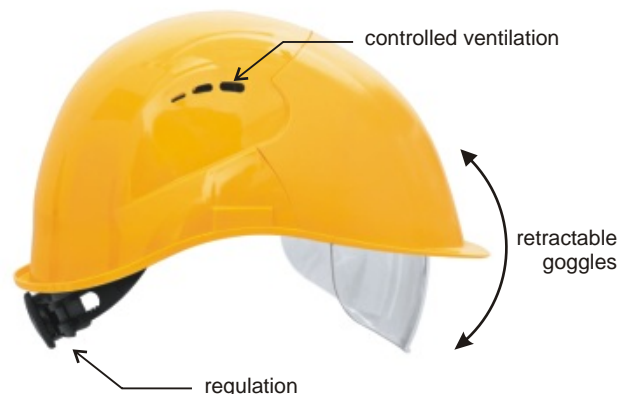
VisiorLight Protective helmet

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 POLE

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 locked 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:
ø 6-10 mm

rope installer

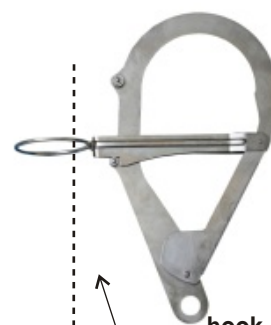
Ref.: DT 720 02
Head UDI
Weight: 1,1 kg
Material:
stainless steel
Rope diameter:
ø 6-10 mm

Bag for DT 200, DT 201, DT 202

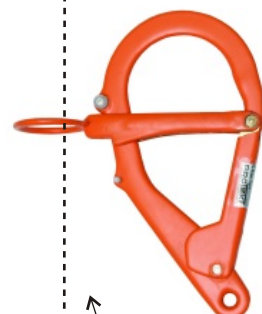
Ref.: AXDT 200
Dimensions: 200 cm (length) x 7 cm (diameter)

extension section

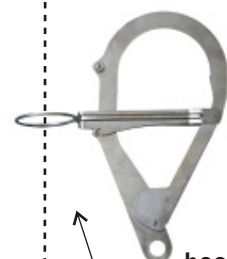
Ref.: DT 900
head UDI



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

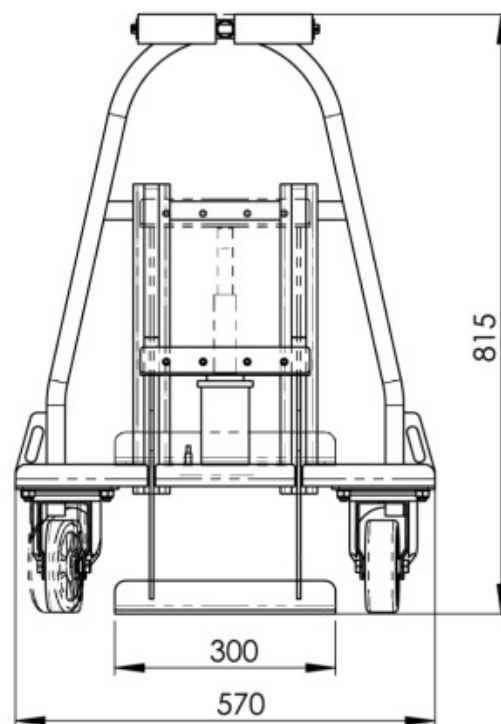
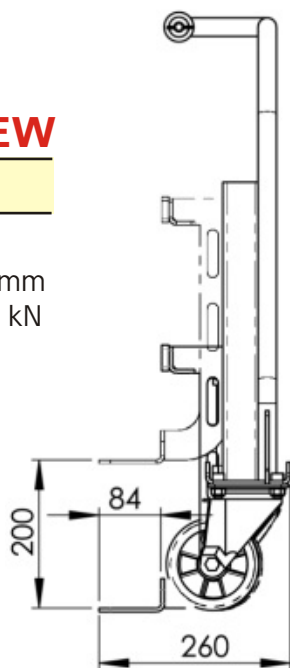
Dimensions: 815 x 570 x 260 mm

Lifting capacity: 1600 kg = 16 kN

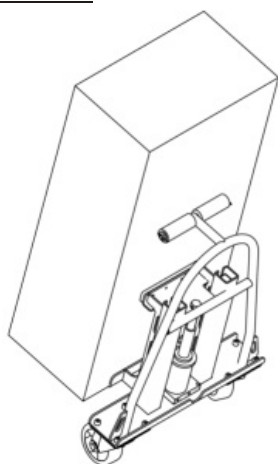
Lifting height: 200 mm

Weight: 20 kg

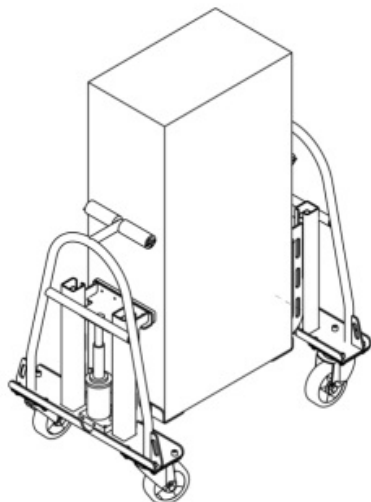
Hydraulic drive



USE OF THE DEVICE



WT 101 + fastening tape



SET: 2 x WT 101 + fastening tape



Climbing irons

DR-1

STEEL CLIMBING IRONS



Ref.: SP 501

Weight: 3,75 kg
Material: steel, gaffs - hardened steel
Sold in pairs only.



DR-2A

ALUMINIUM ALLOY ADJUSTABLE CLIMBING IRONS



Ref.: SP 502

Weight: 2,56 kg
Material: aluminium alloy, gaffs - hardened steel
Adjustable length
Sold in pairs only.



DR-4

STEEL CLIMBING IRONS



Ref.: SP 504

Weight: 4,00 kg
Material: steel, gaffs - hardened steel
Sold in pairs only.



DR-3A

ALUMINIUM ALLOY ADJUSTABLE CLIMBING IRONS



Ref.: SP 503

Weight: 2,70 kg
Material: aluminium alloy, gaffs - hardened steel
Adjustable length
Sold in pairs only.



Climbing irons

DR-2

STEEL CLIMBING IRONS



Ref.: SP 505

Weight: 3,80 kg
Material: steel, gaffs - hardened steel
Sold in pairs only.



SP 052, SP 054

LONG GAFF



Ref.: SP 052, SP 054

Material: hardened steel
Sold in pairs only.

SP 052 - DR-2A, DR-3A
SP 054 - DR-1, DR-4



DR-3

STEEL CLIMBING IRONS



Ref.: SP 506

Weight: 3,85 kg
Material: steel, gaffs - hardened steel
Sold in pairs only.

SP 051, SP 053

SHORT GAFF



Ref.: SP 052, SP 054

Material: hardened steel
Sold in pairs only.

SP 051 - DR-2A, DR-3A
SP 053 - DR-1, DR-4



Climbing irons

SP 101

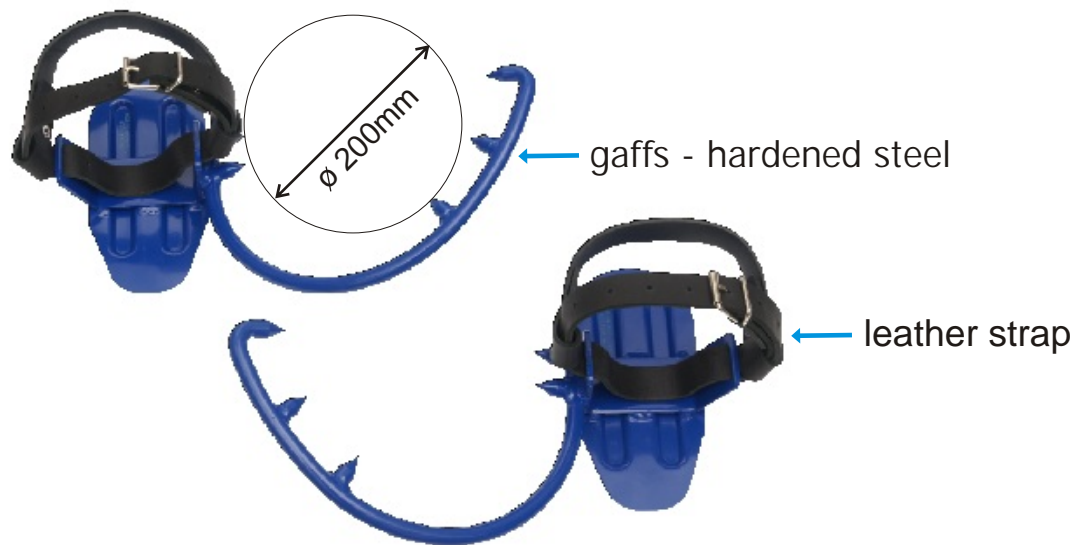
CLIMBING IRONS

Ref.: SP 101

Weight: (pair)-3,0 kg

Material: steel, gaffs - hardened steel

For climbing and working on wooden masts and wooden poles with round cross section.



SP 102

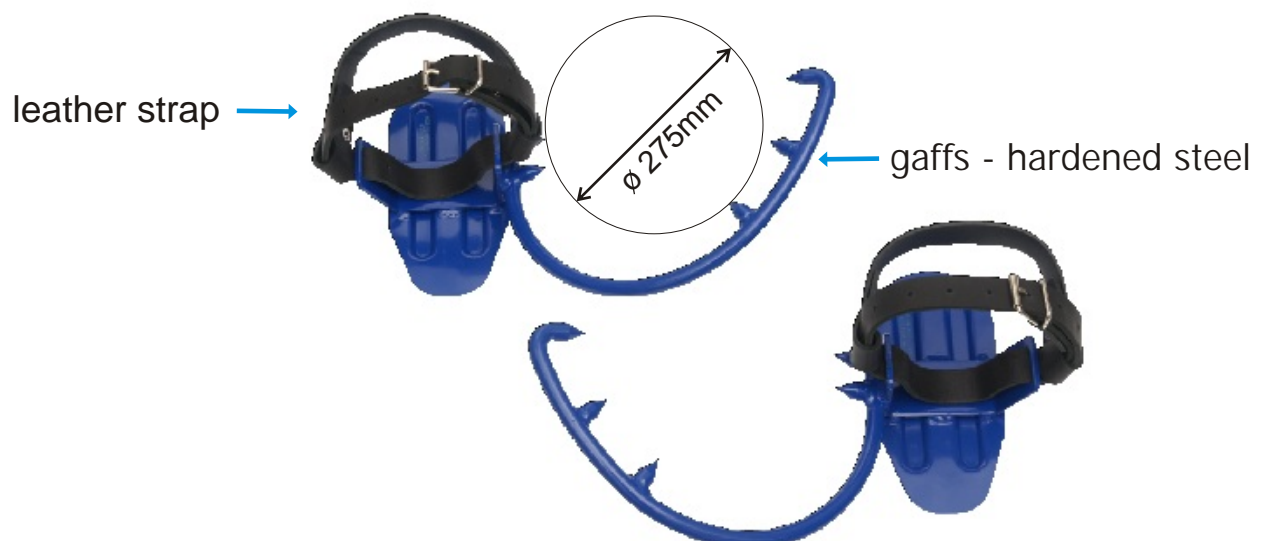
CLIMBING IRONS

Ref.: SP 102

Weight: (pair)-3,2 kg

Material: steel, gaffs - hardened steel

For climbing and working on wooden masts and wooden poles with round cross section.



Climbing irons

SP 401

CLIMBING IRONS

Ref.: SP 401

Weight: (pair)-7,6 kg

Material: steel,

For climbing and working spin columns.



SP 402

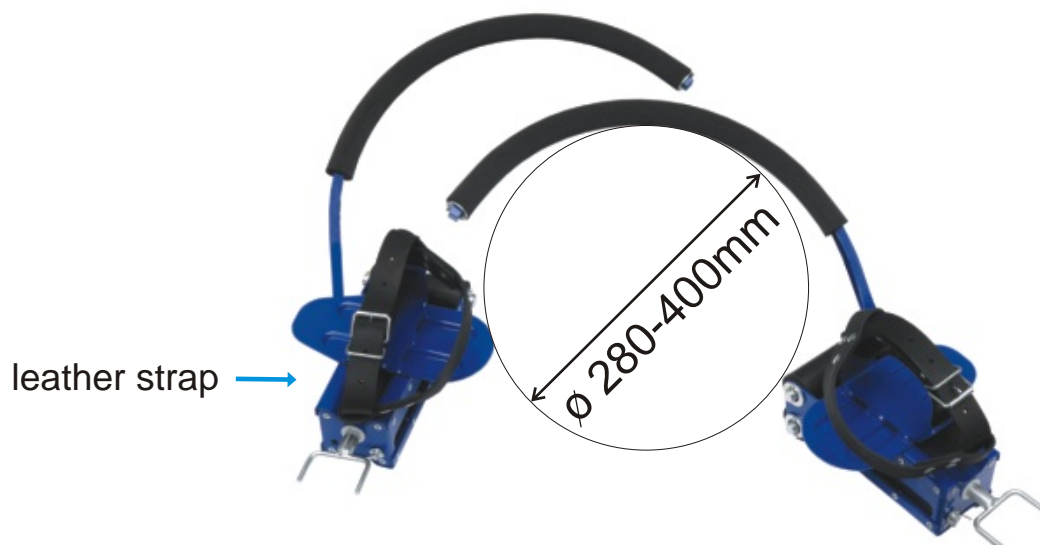
CLIMBING IRONS

Ref.: SP 402

Weight: (pair)-8,0 kg

Material: steel,

For climbing and working spin columns.



Climbing irons

SP 203 / SP 204 / SP 205

CLIMBING IRONS

Ref.: SP 203, SP 204, SP 205

SP 203 - weight 5,0 kg - the reinforced concrete columns B10
SP 204 - weight 5,1 kg - the reinforced concrete columns B20
SP 205 - weight 5,2 kg - the reinforced concrete columns B40



SP 103

CLIMBING IRONS

Ref.: SP 103

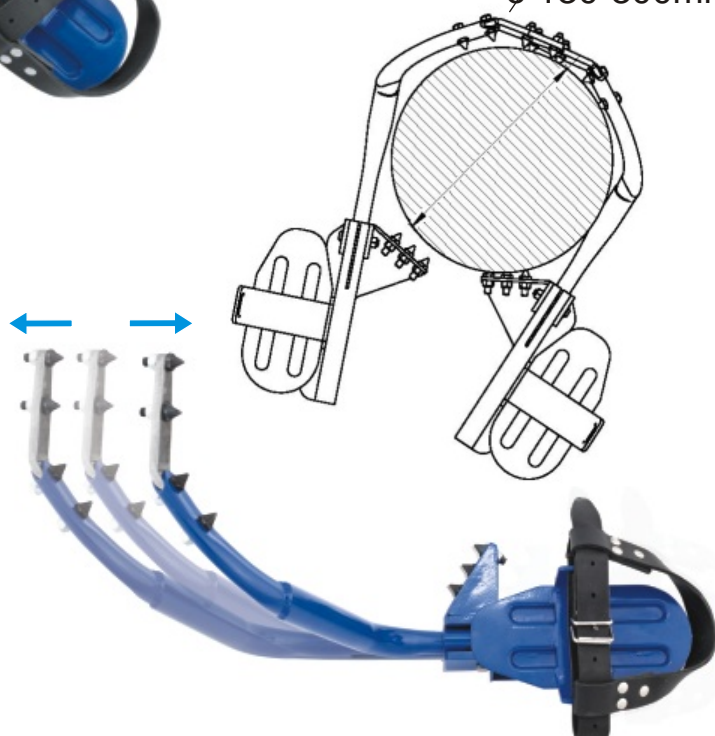
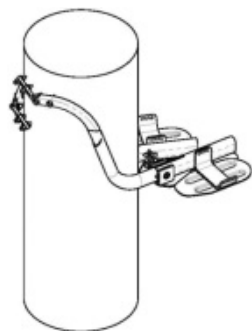
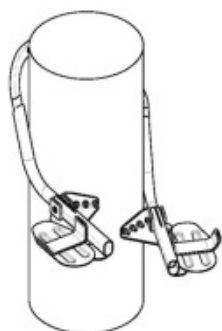
Weight: (pair)-6,3 kg

Material: steel, gafts - hardened steel

For climbing and working adjustable on wooden masts and wooden poles with round cross section.



ø 130-300mm



Arborist's trolleys

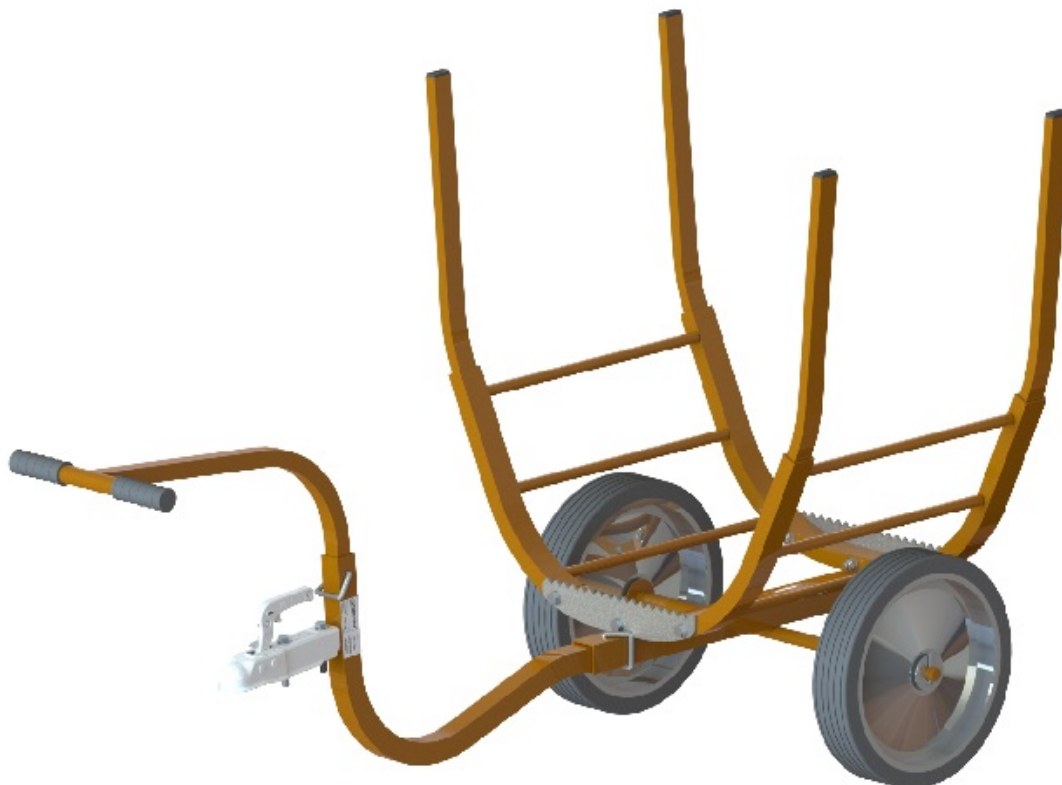
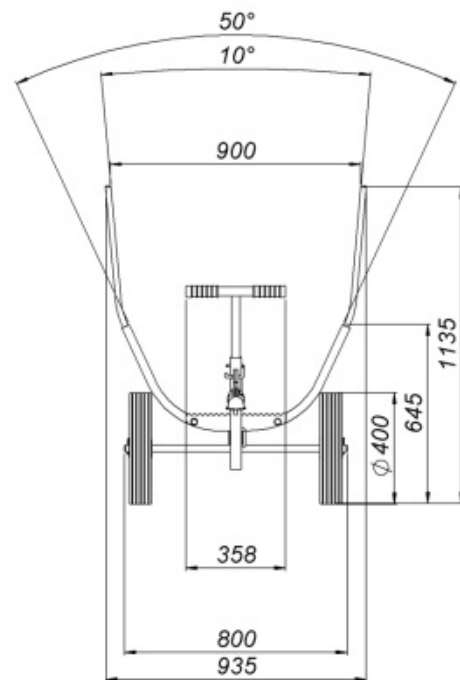
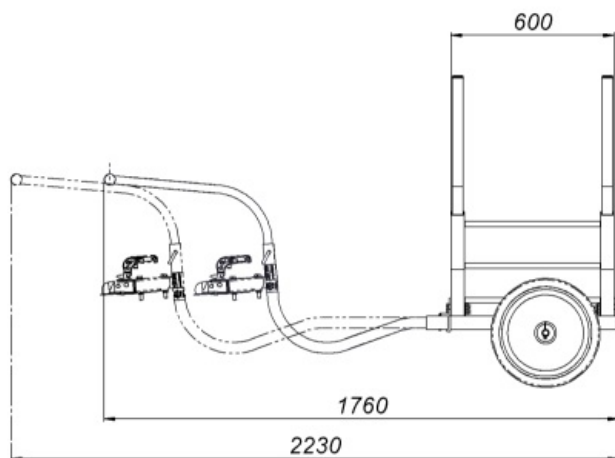
RS 221

Arborist's trolley

Ref.: RS 221

Load capacity: 500 kg

It has been proven both in forest sites and in a homestead garden. It is an excellent solution for transporting materials in the back yard with difficult access. It accelerates transport ensuring high labour culture.



Arborist's trolleys

RS 220

Arborist's trolley

Ref.: RS 220

Load capacity: 500 kg
Length: between 783 and 1683 mm
Height: 892 mm
Width: between 855 and 1020 mm

The arborist's trolley is a multifunctional solution for timber transport. It has been proven both in forest sites and in a homestead garden. It is an excellent solution for transporting materials in the back yard with difficult access. It accelerates transport ensuring high labour culture.



Lashing straps

AX-500

RATCHET LASHING STRAP

EN 12195-2



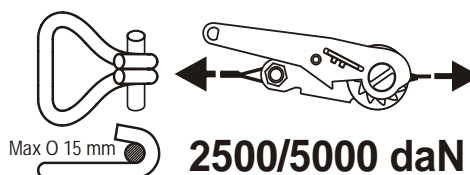
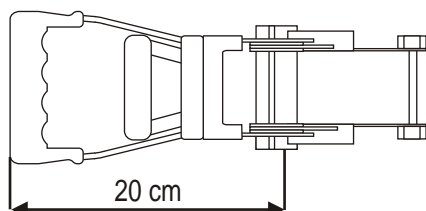
Breaking Strength: LC 2500 daN

Webbing Width: 50 mm

Material: polyester

Static strength of tape: 7500 daN

AX 500 04 - length 4 m
AX 500 06 - length 6 m
AX 500 08 - length 8 m
AX 500 10 - length 10 m
AX 500 12 - length 12 m



AX-501

RATCHET LASHING STRAP

EN 12195-2



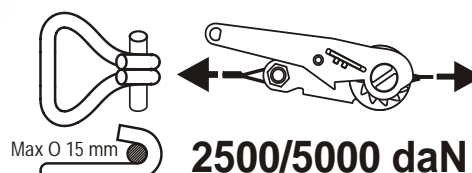
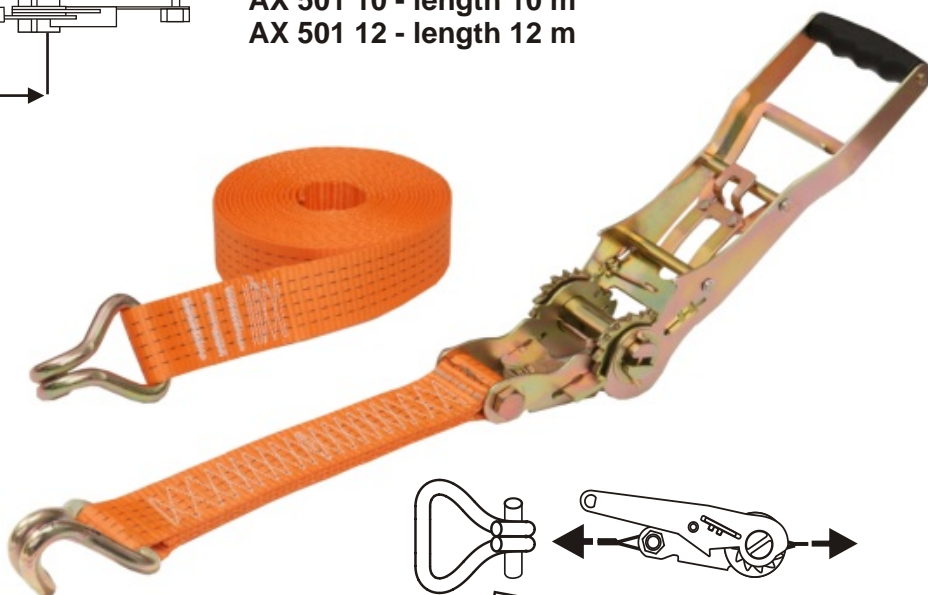
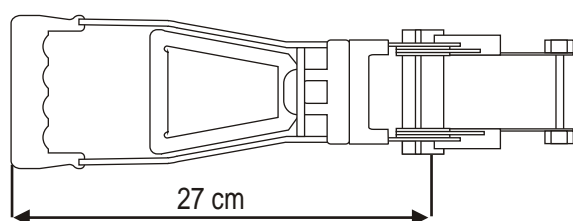
Breaking Strength: LC 2500 daN

Webbing Width: 50 mm

Material: polyester

Static strength of tape: 7500 daN

AX 501 04 - length 4 m
AX 501 06 - length 6 m
AX 501 08 - length 8 m
AX 501 10 - length 10 m
AX 501 12 - length 12 m



Platforms

RS 300F

Mobile tank platform

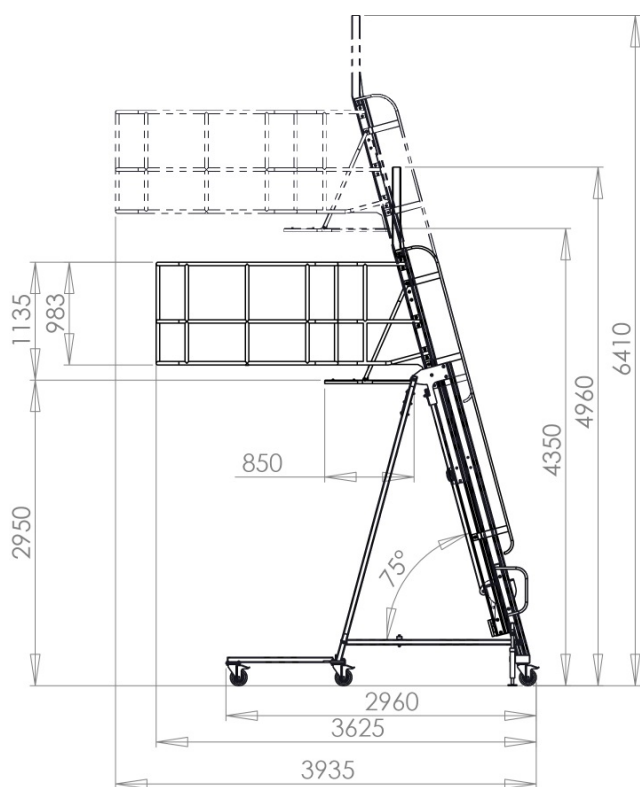
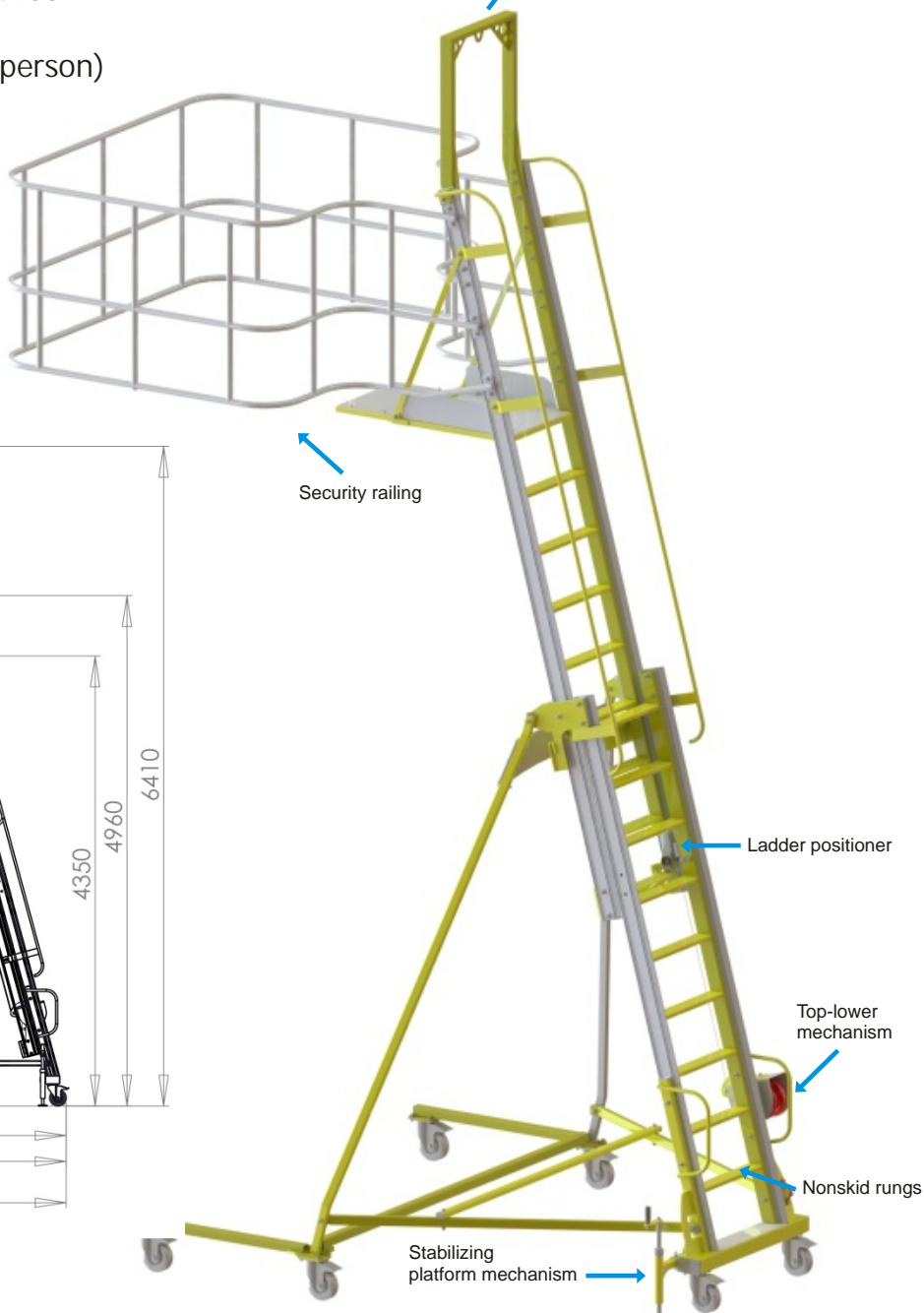
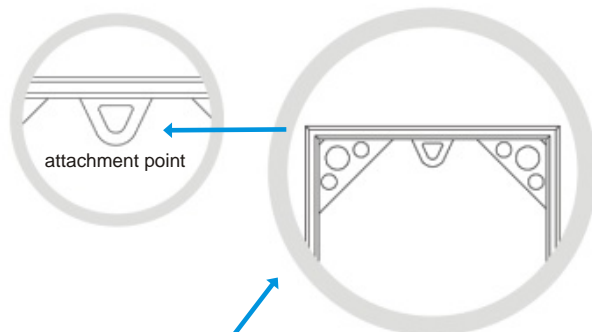


Ref.: RS 300F

Mobile tank platform for safe working at height.

DIMENSIONS:

- working height: 2950-4350 mm
- dimensions security railing:
2033 mm x 1733 mm x 983 mm
- platform expanded:
3940 mm x 2650 mm x 6410 mm
- platform spread:
3630 mm x 2650 mm x 4960 mm
- total mass: 260kg
- working load: 120 kg (1 person)



Platforms

RS 300

Mobile tank platform



Ref.: RS 300

Mobile tank platform for safe working at height.

DIMENSIONS:

- working height: 2950-4350 mm
- dimensions security railing:
2033 mm x 1733 mm x 983 mm
- platform expanded:
3550 mm x 2650 mm x 5600 mm
- platform spread:
3550 mm x 2650 mm x 4300 mm
- total mass: 160 kg
- working load: 120 kg (1 person)



Stabilizing platform mechanism



Ladder positioner



Top-lower mechanism

Nonskid rungs

Security railing



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

BP 200

Brake pulley

Ref.: BP 200 - 20m rope, device weight: 3,3 kg

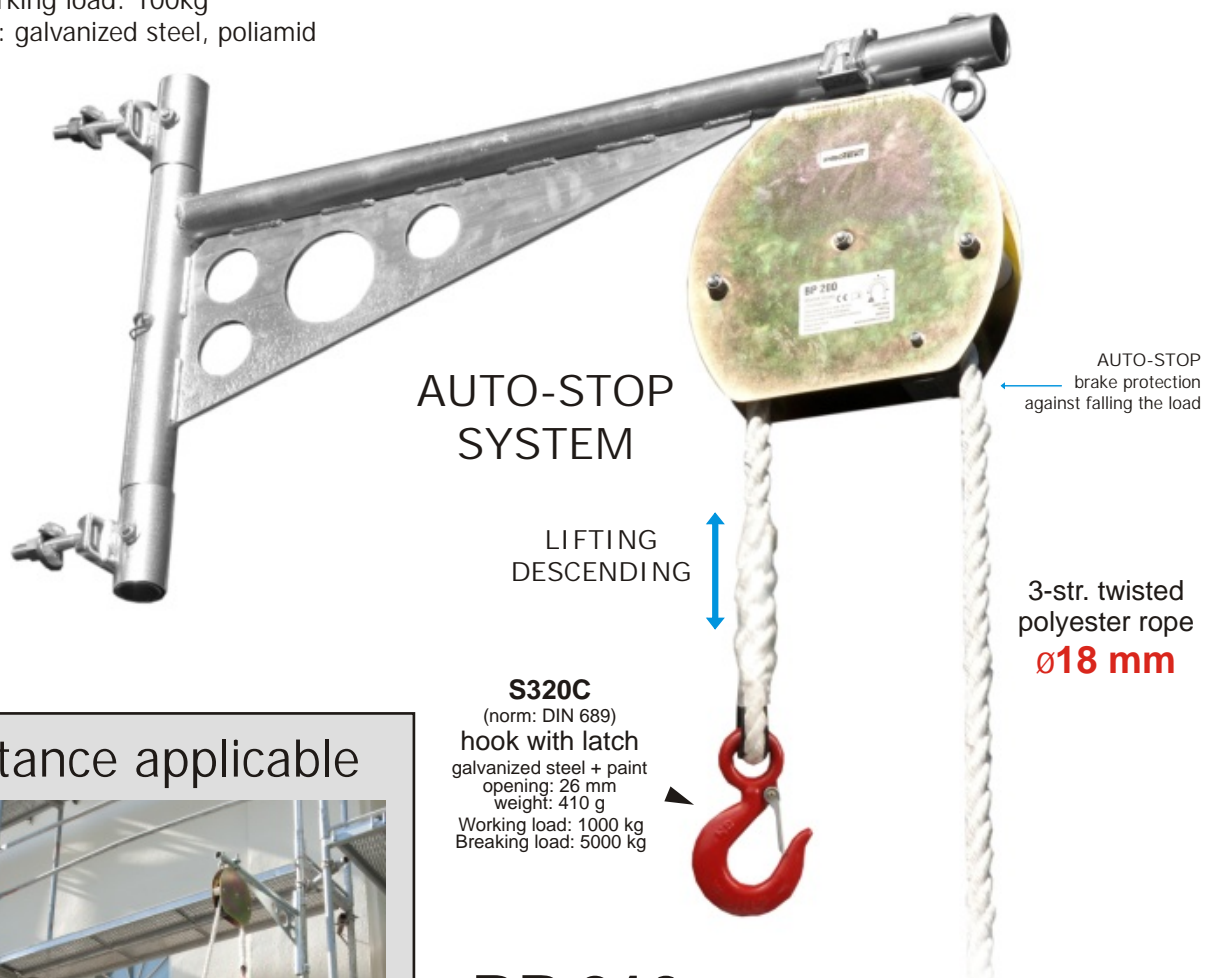
Ref.: BP 200 - 30m rope, device weight: 5,0 kg

Ref.: BP 200 - 50m rope, device weight: 8,3 kg

Dimensions: 300 x 300 x 54mm

Max working load: 100kg

Material: galvanized steel, poliamid



instance applicable



BP 210

Arm to the scaffolding

Ref.: BP 210

Material: zinc plated steel



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



Pulleys

TU 400

Pulley with a "pin-lock"

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

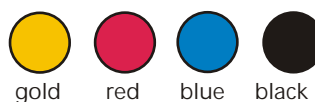
Safety factor: 1:5

Max cable diameter: <18 mm - never use with steel cables or chains.

Sling strength: max. 30 kg



available colors



gold red blue black

TU 401

Bolted pulley

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

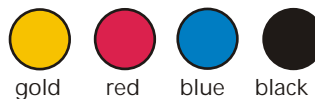
Safety factor: 1:5

Max cable diameter: <18 mm - never use with steel cables or chains.

Sling strength: max. 30 kg



available colors



gold red blue black

Pulleys

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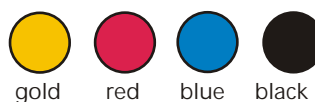
Safety factor: 1:5

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 pulley

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

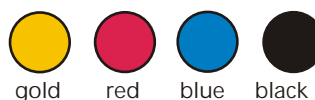
Safety factor: 1:5

Max cable diameter: <18 mm - never use with steel cables or chains.

Sling strength: max. 30 kg



available colors



gold red blue black

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

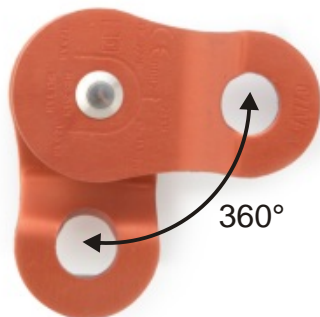
Material: aluminium

Breaking force - MBS: 25kN

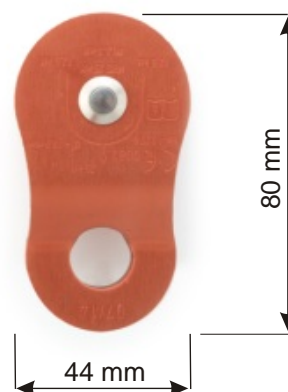
Max. working load - WLL: 5kN

Factor of safety: 1:5

Axial fixing hole diameter: $\varnothing \geq 16$ mm



COLOURS: blue, sand, yellow, black, orange



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

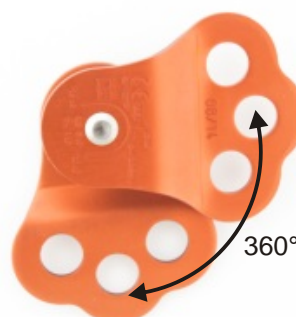
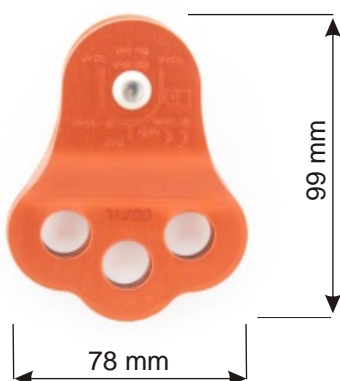
Material: aluminium

Breaking force - MBS: 25kN

Max. working load - WLL: 5kN

Factor of safety: 1:5

Axial fixing hole diameter: $\varnothing > 16$ mm



TU 413

Pulley block

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 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

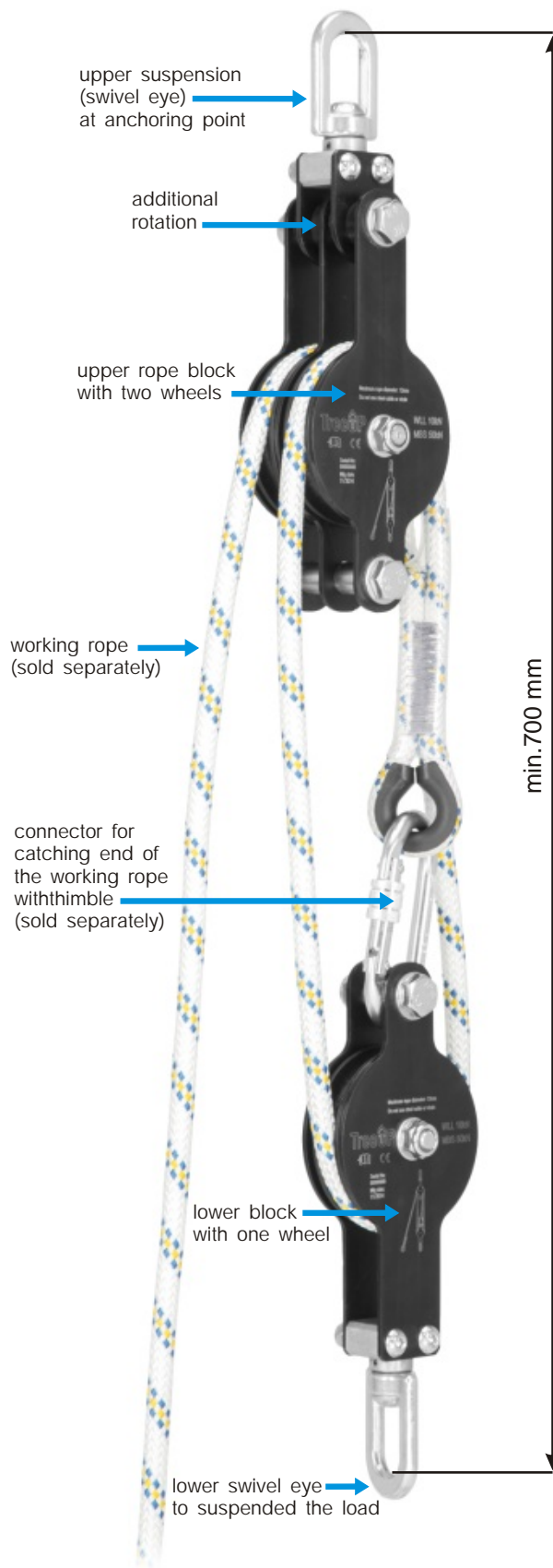
Ref. number of working rope TU 413 - 300 - L were:

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



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

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.

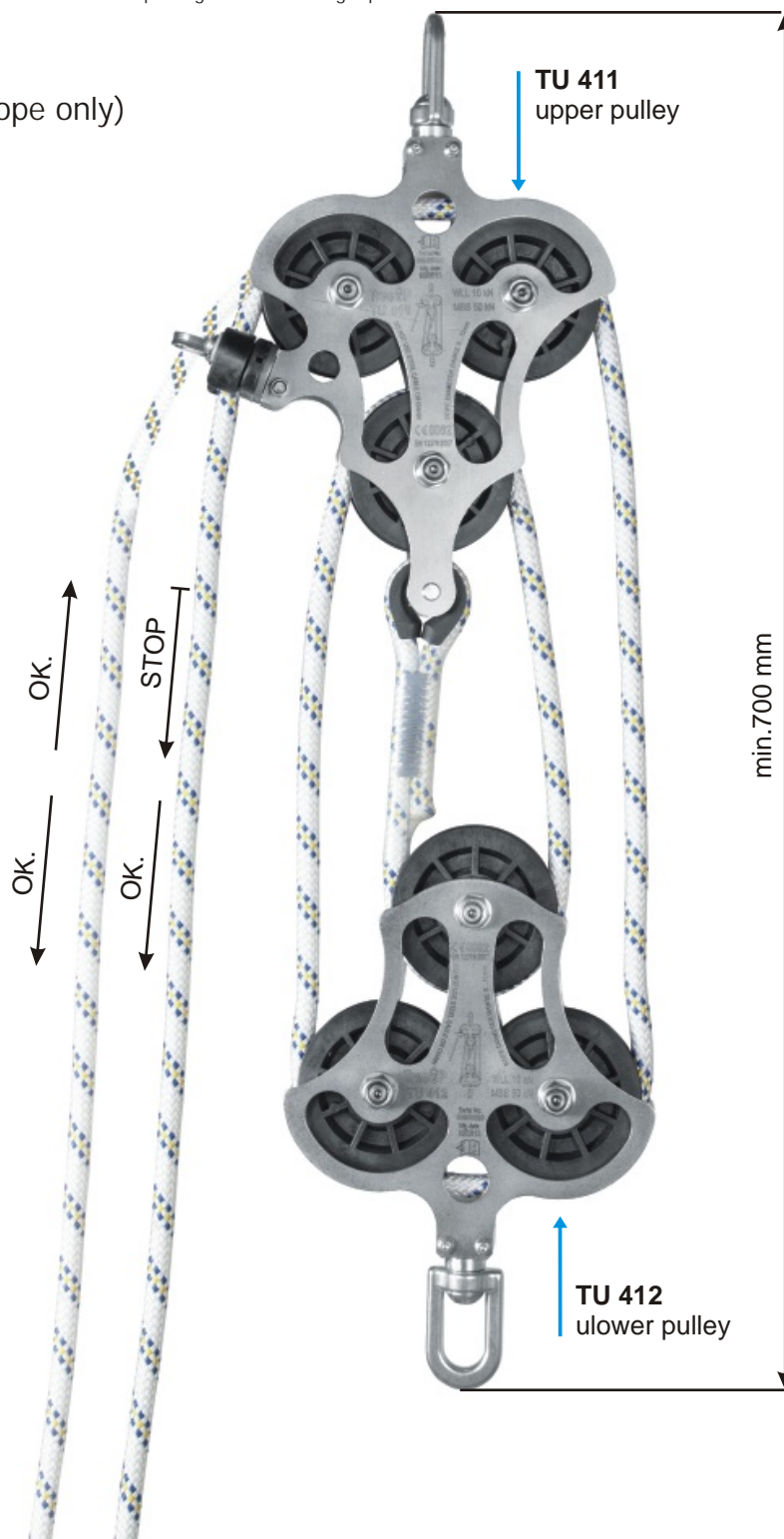
Special remark:

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



TU 440

Arborist pulley

NEW!

Ref.: TU440

PARAMETERS

Dimensions: 85 x 40 x 39 mm

MBS: 25 kN

WLL: 25 kN

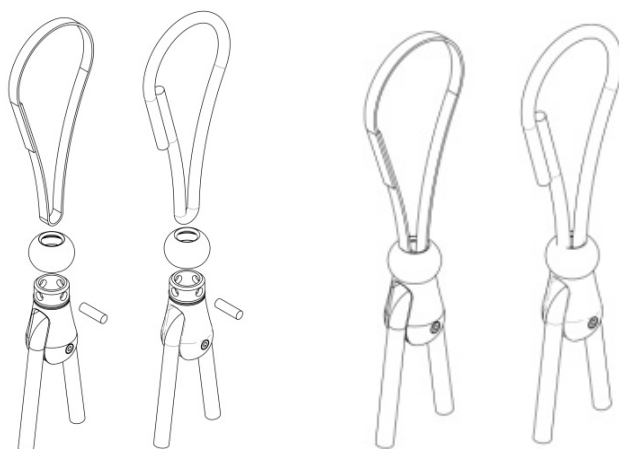
Capacity: 500 kg (5 kN)

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

EN 12278

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

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

