# PROEK

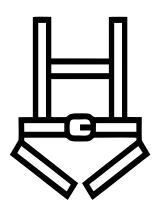
MANUFACTURER OF FALL PROTECTION EQUIPMENT

# PERSONAL PROTECTIVE EQUIPMENT

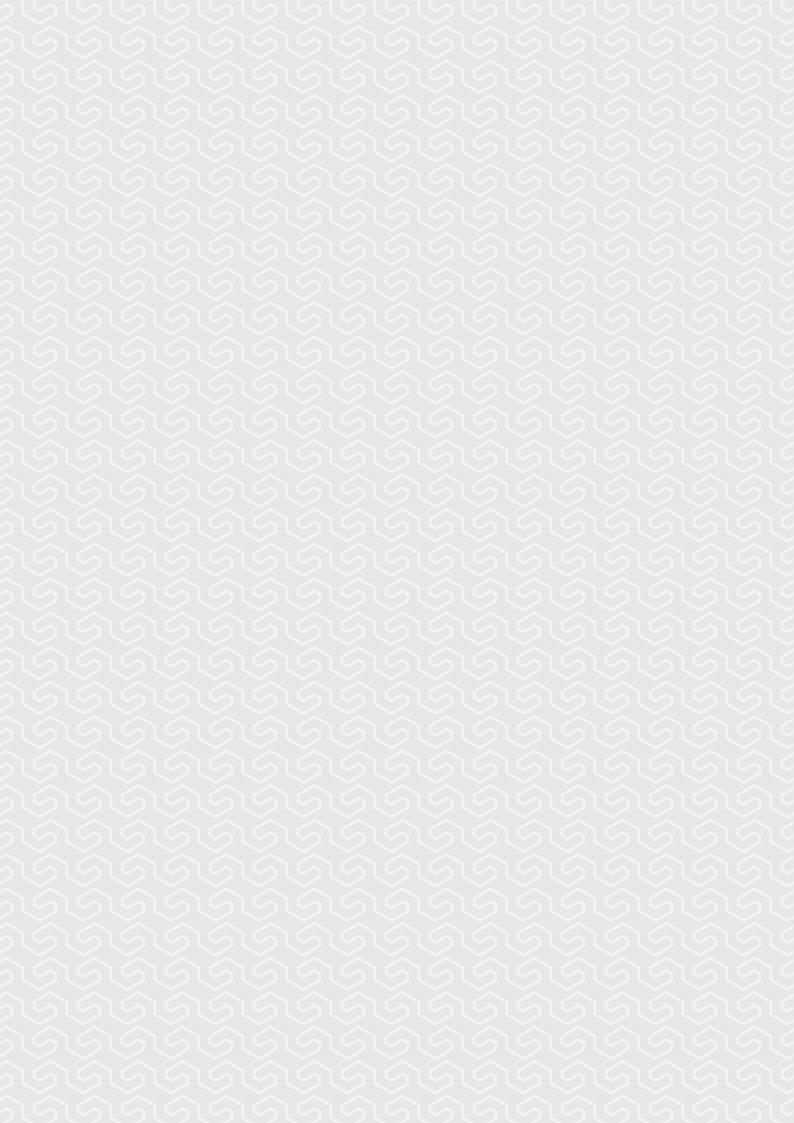
Fall protection kits
Full body harnesses, protective clothing
Energy absorbers and lanyards
Guided type and retractable type fall arresters
Connectors
Industrial safety helmets, eye and hearing protection
Ropes
Rope edge guards and rope sleeves
Working rope installation equipment
Work positioning belts and devices
Pole climbers and tree climbing spikes

Anchor points and devices
Ladders, scaffolds and platforms
Lifting and descending devices
Ground tents, screens and safety barriers
Additional accessories





2022/23







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Contents, images and diagrams at this page are for illustrative purposes only. For detailed, up-to-date functional and technical information, please contact the company's office.

This price list is for information purposes only and may not be regarded as an offer to purchase pursuant to Art. 66 §1. of the Civil Code.

Protekt reserves the right to change, supplement or remove the information provided herein. All prices given are net prices and do not include 23% VAT.

In case of some product groups, it is possible to order customised devices in configuration other than provided. Custom-modified or custom-made products are not subject to returns.





Devices and systems manufactured by PROTEKT provide work safety under conditions where risk of a fall from height is present.

This equipment is used in many industries for works at heights, depths and in providing rescue services. Our offer includes both components of personal fall protection equipment – full body harnesses, energy absorbers, lanyards, and permanent anchorage systems.

At PROTEKT we pay special attention to comfort of use and reliability in functioning of our devices, making efforts to meet our customers' still growing needs as best as possible.

All the PROTEKT products are CE-certified.

#### CERTIFICATION

PROTEKT personal fall protection equipment have Certificates of Type Examination carried out by notified bodies.

Moreover, many of products also hold statements of suitability of use in special conditions:

- Explosion-hazard atmospheres: Institute of Industrial Organic Chemistry
- Commission for Work Safety in the Mining Sector
- Ladders, rope ladders: Institute of Mechanised Construction and Rock Mining
- Fire fighting equipment: Scientific and Research Centre for Fire Protection
- Textiles: Textile Research Institute

"Working at a height may expose workers to a high risk of injuries or death following a fall or other serious accident. Accidents related to working at a height constitute to a large part of all accidents during work – particularly fatal accidents. Annually in Poland there occurs about 5,000 accidents resulting from fall from a height, in which 150 people suffer fatalities or serious injuries."

(Source: Central Statistical Office of Poland — data as for 2005)

"Working at a height may expose workers to a high risk of injuries or death following a fall or other serious accident. Accidents related to working at a height constitute to a large part of all accidents during work – particularly fatal accidents. Annually in Poland there occurs about 5,000 accidents resulting from fall from a height, in which 150 people suffer fatalities or serious injuries."

#### **WORK ORGANIZATION**

If possible, work should be organized so that all employees are not exposed to falls from the height. However, if risk of a fall cannot be totally eliminated, in order to provide the best possible working conditions it is required to choose proper protection method and necessary protection equipment. Then as a rule, priority should be given to the collective protection equipment (balustrades, safety nets) over the individual.

#### **EQUIPMENT PREPARATION**

In order to make a proper selection of equipment the character of the work should be taken into consideration. When selecting and using proper fall protection equipment specialist training and medical examination should be provided. Moreover the employer is obliged to ensure specific organization of works at the height and supervision of the tasks being performed and whether the safety rules in the course of the works are respected. Personal fall protection equipment is subject to periodic inspections carried out by qualified personnel. Periodic inspections do not release users from checking the equipment before each use.

#### **SAFETY STANDARDS**

Being defined as Personal Protection Equipment (PPE), the fall protection equipment shall meet the requirements of relevant harmonised European Standards (EN). All fall protection products shall bear CE marking including but not limited to reference European standard number.

6 0 WWW.PROTEKT.COM.PL

#### Safety standards

EN 353-1	Personal fall protection equipment. Guided type fall arresters including an anchor line. Guided type fall arresters including a rigid anchor line
EN 353-2	Personal protective equipment against falls from a height. Guided type fall arresters including a flexible anchor line
EN 354	Personal fall protection equipment. Lanyards
EN 355	Personal protective equipment against falls from a height. Energy absorbers
EN 358	Personal protective equipment for work positioning and prevention of falls from a height. Belts for work positioning and restraint and work positioning lanyards
EN 360	Personal protective equipment against falls from a height. Retractable type fall arresters
EN 361	Personal protective equipment against falls from a height. Full body harnesses
EN 362	Personal protective equipment against falls from a height. Connectors
EN 363	Personal fall protection equipment. Personal fall protection systems
EN 795-A1	Anchor devices. Anchor points placed on vertical, horizontal or inclined surfaces (devices of this class are not personal protective equipment (PPE))
EN 795-A2	Anchor devices. Anchor points placed on inclined walls (devices of this class are not personal protective equipment (PPE)).
EN 795-B	Anchor devices. Anchor devices with anchor point(s) without the need to fix them into the structure (temporary, transportable anchor devices)
EN 795-C	Anchor devices. Anchor device with a flexible anchor line which deviates from the horizontal by not more than 15° (devices of this class are not personal protective equipment (PPE))
EN 795-D	Anchor devices. Anchor device with a rigid anchor line which deviates from the horizontal by not more than 15° (devices of this class are not personal protective equipment (PPE))
EN 813	Personal fall protection equipment. Sit harnesses
EN 1496	Personal fall protection equipment. Rescue lifting devices
EN 1497	Personal fall protection equipment. Rescue harnesses





#### FALL PROTECTION KITS

Kits for work at heights Fall protection kits for work on steep roof Confined descent kits

# FULL BODY HARNESSES, PROTECTIVE CLOTHING

Full body harness Heat-resistant full body harness Hi Vision full body harness Overalls with full body harness SOFTSHELL jackets Harness with vest Protective vests

#### ENERGY ABSORBERS AND LANYARDS

AW 170 energy absorbers with lanyard ABM energy absorbers with lanyard ABM SCF energy absorbers with lanyard for work on scaffolds Lanyards

# GUIDED TYPE AND RETRACTABLE TYPE FALL ARRESTERS

Guided type fall arresters Guards for guided type fall arresters Roof lanyard Retractable type fall arresters

#### CONNECTORS

Detachable connectors Integrated connectors Screw link connectors

# INDUSTRIAL SAFETY HELMETS, EYE AND HEARING PROTECTION

Industrial safety helmets Face shields and ear protectors Bump caps

#### LINES

Working lines
Work positioning lanyard

# LINE EDGE GUARDS AND LINE SLEEVES

Line edge guard Line sleeves

# WORKING ROPE INSTALLATION EQUIPMENT

Insulating telescopic poles Heads and working hooks Cable clamps for cable installers

# WORK POSITIONING BELTS AND DEVICES

Work positioning belts Work positioning devices Work positioning webbing lanyards

# POLE CLIMBERS AND TREE CLIMBING SPIKES

Pole climbers Spare parts for pole climbers Tree climbing spikes Spare parts for tree climbing spikes

# ANCHOR POINTS AND DEVICES

Anchor points
Anchor devices
Horizontal anchor lanyards and lines
Webbing slings and portable anchor
points
Anchor systems and devices

# LADDERS, SCAFFOLDS AND PLATFORMS

Rope ladders
Telescopic ladders
Double-sided and combined
ladders
Scaffolds
Mobile platforms

# LIFTING AND DESCENDING DEVICES

Descending devices Lifting and descending device Pulleys and pulley blocks

# **L5**

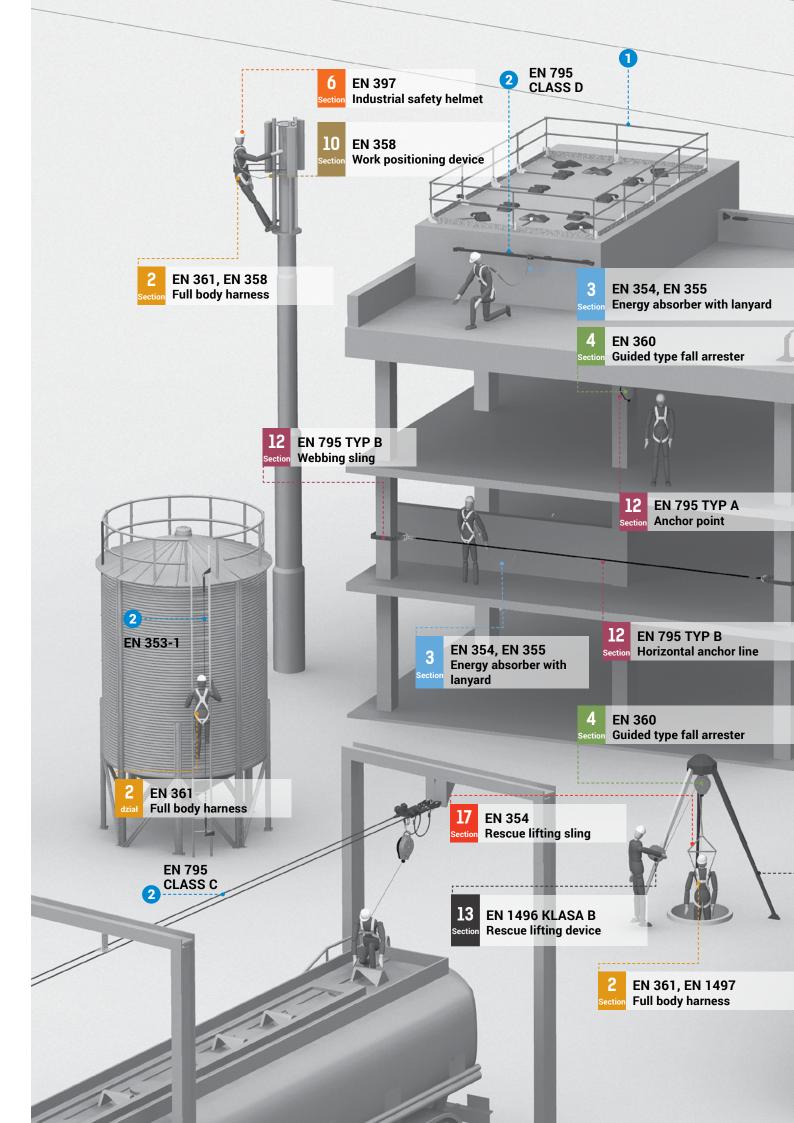
# GROUND TENTS, SCREENS AND SAFETY BARRIERS

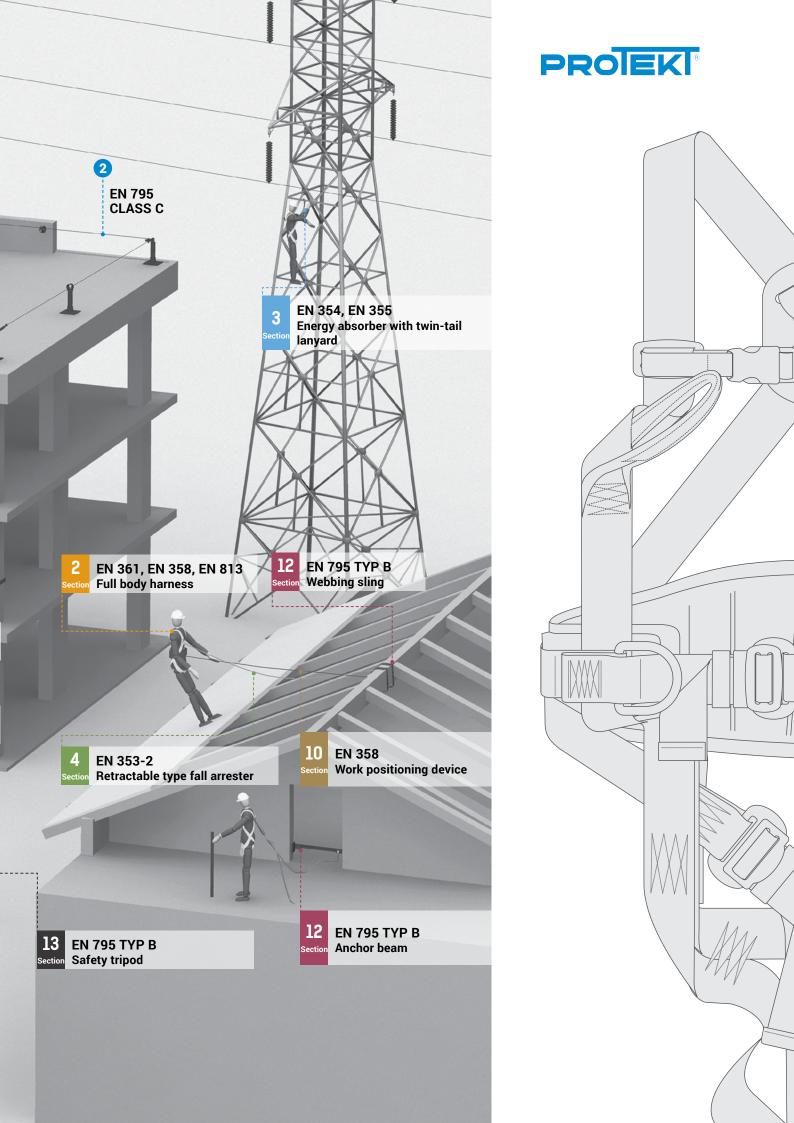
Screens Ground tents Safety barriers Protection netting Warning signs

# 16

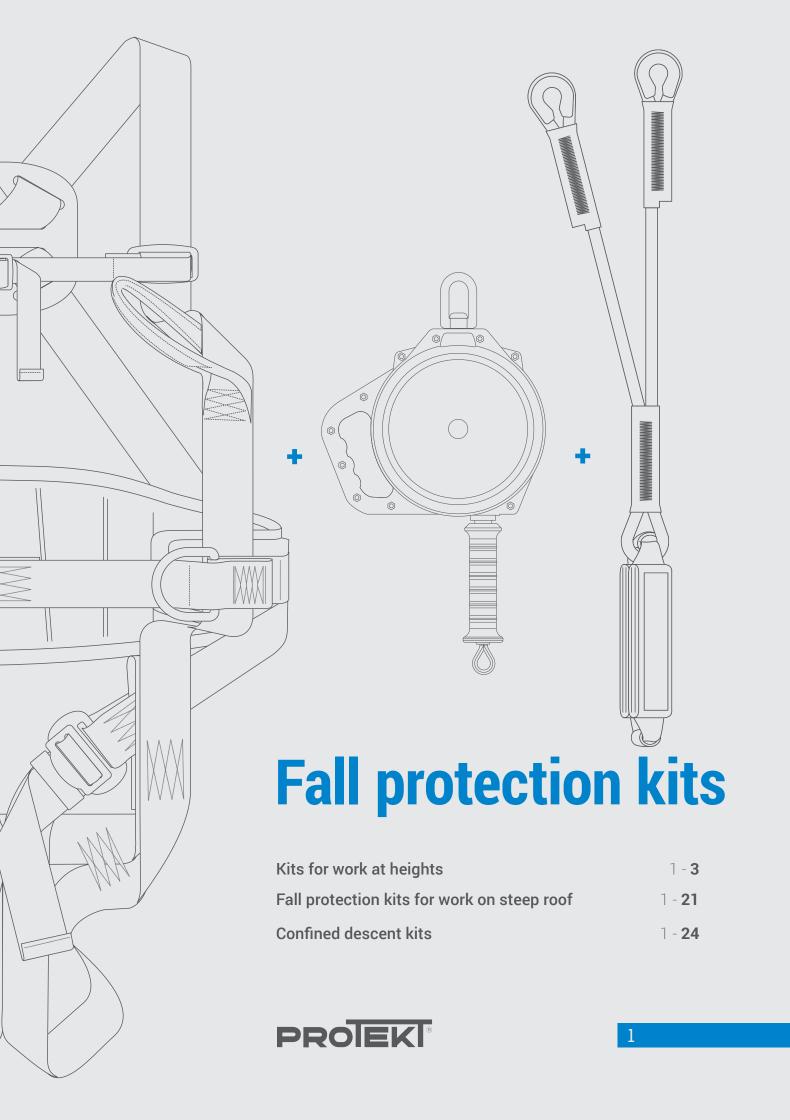
#### **ADDITIONAL ACCESSORIES**

Bosun's chairs
Climbing
Tool lanyards
Tool holders
Cargo bags
Cargo cases and boxes
Covers
Straps for heavy load handling
Line throwing weights
Tree climbing carts
Paints and applicators
Fans













- full body harness P 01 with dorsal attachment point,
- size M-XL or XXL
- energy absorber ABM with lanyard LB 101, 2m long and steel connectors AZ 011
- cargo bag, dimensions 31 x 27 x 10cm

#### THE KIT COMPRISES:

full body harness P 30 with front and dorsal attachment point, size M-XL or XXL

**CARGO BAG T2** 

- energy absorber ABM with lanyard LB 100 and steel
- connectors AZ 011
- cargo bag, dimensions 31 x 27 x 10cm

#### **ATTACHMENT POINTS**

USE:

#### **ATTACHMENT POINTS:**























full body harness P 03 with front and dorsal attachment point, size M-XL or XXL

**CARGO BAG T2** 

- energy absorber ABM with lanyard LB 101, 2m long and steel connectors AZ 011
- cargo bag, dimensions 31 x 27 x 10cm

#### THE KIT COMPRISES:

- full body harness P 01 with dorsal attachment point, size M-XL or XXL
- energy absorber ABM with lanyard LB 101, 2m long and steel connector AZ 011 and steel connector AZ 029
- cargo bag, dimensions 31 x 27 x 10cm

#### **ATTACHMENT POINTS:**











USE:











P 05 Full body harness



ABM + LB 101 energy absorber ABM with lanyard LB 101, 2m long + 2 x AZ 011



**LB 100** adjustable lanyard LB 100, 2m long + 2 x AZ 011



**CARGO BAG T2** 

- full body harness P 05 with front and back attachment point and with belt and side attachment buckles, size M-XL or XXL
- energy absorber ABM with lanyard LB 101, 2m long and steel connectors AZ 011
- adjustable lanyard LB 100, 2m long with steel connectors
- cargo bag, dimensions 31 x 27 x 10cm

#### USE:

#### ATTACHMENT POINTS:



















Full body harness



ABM + LB 101 energy absorber ABM with lanyard LB 101, 2m long + 2 x AZ 011



**PO3S** 

Full body harness



ABM + LB 101 energy absorber ABM with lanyard LB 101, 2m long + 2 x AZ 011



**CARGO BAG T2** 



**CARGO BAG T2** 

#### THE KIT COMPRISES:

- full body harness P 01S with dorsal attachment point, size M-XL or XXL
- energy absorber ABM with lanyard LB 101, 2m long and steel connectors AZ 011
- cargo bag, dimensions 31 x 27 x 10cm

#### THE KIT COMPRISES:

- full body harness P 03S with dorsal attachment point, size
  M-XL or XXL
- energy absorber ABM with lanyard LB 101, 2m long and steel connectors AZ 011
- cargo bag, dimensions 31 x 27 x 10cm

#### **ATTACHMENT POINTS:**













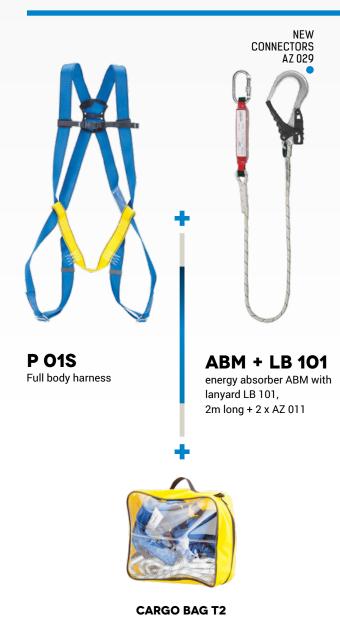








# **BASIC 4S**



# **BASIC 5S**





**ABM + LB 101** energy absorber ABM with lanyard LB 101, 2m long + 2 x AZ 011



**LB 100** adjustable lanyard LB 100, 2m long + 2 x AZ 011



**CARGO BAG T2** 

#### THE KIT COMPRISES:

- full body harness P 01S with dorsal attachment point, size M-XL or XXL
- energy absorber ABM with lanyard LB 101, 2m long and steel connectors AZ 011 connector AZ 029
- cargo bag, dimensions 31 x 27 x 10cm

#### THE KIT COMPRISES:

- full body harness P 05S with front and dorsal attachment point and with belt and side attachment buckles, size M-XL or XXL
- energy absorber ABM with lanyard LB 101, 2m long and steel connectors AZ 011
- adjustable lanyard LB 100, 2m long with steel connectors AZ 011
- cargo bag, dimensions 31 x 27 x 10cm

#### **ATTACHMENT POINTS:**



USE:















**CARGO BAG T2** 

### THE KIT COMPRISES:

- full body harness P 01S with dorsal attachment point, size M-XL or XXL
- energy absorber BW 220 with twin-tail lanyard and steel connectors AZ 011 and 2 x AZ 029, total length 1.5m  $\,$
- cargo bag, dimensions 31 x 27 x 10cm

#### ATTACHMENT POINTS:









1 Fall protection kits

with twin-tail lanyard and connectors AZ 011 and 2 x AZ 029, total length

1.5m

1







**CARGO BAG T2** 

#### **ABM SCF**

energy absorber BW 220 with twin-tail lanyard and connectors AZ 011 and 2 x AZ 029, total length 1.5m

#### THE KIT COMPRISES:

- full body harness P 30 with front and dorsal attachment point, size M-XL or XXL
- energy absorber BW 220 with twin-tail lanyard and steel connectors AZ 011 and 2 x AZ 029, total length 1.5m
- cargo bag, dimensions 31 x 27 x 10cm

#### ATTACHMENT POINTS:









# BASIC PRO 1S





#### THE KIT COMPRISES:

- full body harness P 01 with dorsal attachment point, size M-XL or XXL
- rope grab with energy dissipater LINOSTOP II with working rope and connectors AZ 011, AZ 002
- cargo bag, dimensions 45 x 38 x 10cm

#### THE KIT COMPRISES:

- full body harness P 01S with dorsal attachment point, size M-XL or XXL
- rope grab with energy dissipater LINOSTOP II with working rope and connectors AZ 011, AZ 002
- cargo bag, dimensions 45 x 38 x 10cm

#### **ATTACHMENT POINTS:**





USE:





**ATTACHMENT POINTS:** 



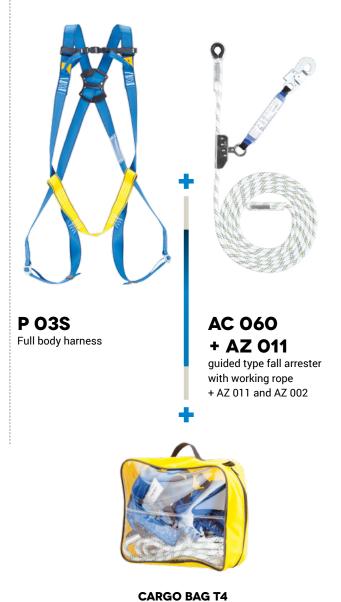


dorsal

# BASIC PRO 3

# BASIC PRO 3S





#### THE KIT COMPRISES:

- full body harness P 30 with front and dorsal attachment point, size M-XL or XXL
- rope grab with energy dissipater LINOSTOP II with working rope and connectors AZ 011, AZ 002
- cargo bag, dimensions 45 x 38 x 10cm

#### THE KIT COMPRISES:

- full body harness P 03S with front and dorsal attachment point, size M-XL or XXL
- rope grab with energy dissipater LINOSTOP II with working rope and connectors AZ 011, AZ 002
- cargo bag, dimensions 45 x 38 x 10cm

#### ATTACHMENT POINTS:









USE:









EN 353-2

USE:

# **BASIC PRO 5**



# **BASIC PRO 6**



#### **CARGO BAG T4**

#### THE KIT COMPRISES:

- full body harness P 30 with front and dorsal attachment point, size M-XL or XXL
- rope grab with energy dissipater LINOSTOP II with working rope and connectors AZ 011 and AZ 002
- cargo bag, dimensions 45 x 38 x 10cm

#### THE KIT COMPRISES:

- full body harness P 36 C with front and dorsal attachment point, size M-XL or XXL
- rope grab with energy dissipater LINOSTOP II with working rope and connectors AZ 011 and AZ 002
- cargo bag, dimensions 45 x 38 x 10cm

#### **ATTACHMENT POINTS:**









USE:

#### **ATTACHMENT POINTS:**











USE:

12 1 Fall protection kits

# BASIC AC 5







CARGO BAG T4

#### THE KIT COMPRISES:

- full body harness P 30 with front and dorsal attachment point, size M-XL or XXL
- guided type fall arrester AC 080 with working rope and connectors AZ 011
- cargo bag, dimensions 45 x 38 x 10cm

#### THE KIT COMPRISES:

- full body harness P 36C with front and dorsal attachment point, size M-XL or XXL
- guided type fall arrester AC 080 with working rope and connectors AZ 011
- cargo bag, dimensions 45 x 38 x 10cm

#### ATTACHMENT POINTS:









USE:





**ATTACHMENT POINTS:** 





EN 353-2



**P 05S** Full body harness



ABM-2T energy absorber with double webbing + AZ 011 + 2 x AZ 029



**LB 100** adjustable lanyard + 2 x AZ 011



**CARGO BAG T2** 

- full body harness P 05S with front and dorsal attachment point, belt and side attachment buckles
- energy absorber with double polyamide webbing ABM-2T and connectors AZ 011 and 2 x AZ 029
- adjustable lanyard LB 100, 1.2m long with connectors AZ 011cargo bag, dimensions 31 x 27 x 10cm













USE:





P 52PRO Full body harness



**ABM SCF** energy absorber BW 260 15 with twin-tail lanyard, 1.5m long + AZ 011 + 2 x AZ 029 (opening 50mm)



work positioning device, 2m long with connectors AZ 002 and AZ 011



**CARGO BAG T2** 

#### THE KIT COMPRISES:

- full body harness P 52PRO with front and dorsal attachment point, belt and side attachment buckles
- energy absorber BW 260 15 with twin-tail lanyard and connectors AZ 011, 2 x AZ 029 (opening 50mm), 1.5m long
- work positioning device PROT 22, 2m long with steel connectors AZ 002 and AZ 011
- cargo bag, dimensions 31 x 27 x 10cm

#### **ATTACHMENT POINTS:**















EN 355



# **ROLER 2**





#### THE KIT COMPRISES:

- full body harness P 30 with front and dorsal attachment point, size M-XL or XXL
- retractable type fall arrester AH 220S with connectors AZ 029S and AZ 002AS
- cargo bag, dimensions 31 x 27 x 10cm

#### THE KIT COMPRISES:

**AX 011** 

- full body harness P 30 with front and dorsal attachment point, size M-XL or XXL
- connecting lanyard AZ 410, 1m long with connector AZ 011
- retractable type fall arrester CR 240 with cable, 10m long and connector AZ 002ASI
- cargo bag AX 011, dimensions 30 x 30 x 60cm

#### **ATTACHMENT POINTS:**











USE:







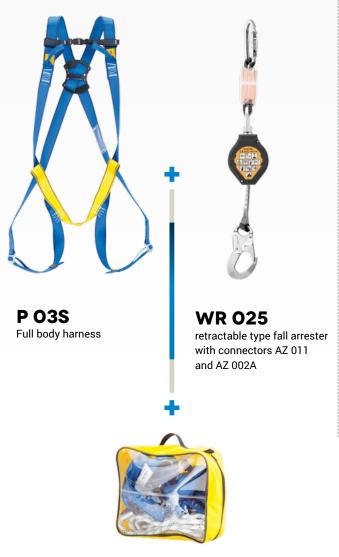


USE:

connector AZ 002ASI

**ATTACHMENT POINTS:** 

# ROLER 3



# **ROLER 4**



**CARGO BAG T4** 

#### THE KIT COMPRISES:

full body harness P 30S with front and dorsal attachment point, size M-XL or XXL

**CARGO BAG T2** 

- retractable type fall arrester WR 025 with connectors AZ 011 and AZ 002AS
- cargo bag, dimensions 31 x 27 x 10cm

#### THE KIT COMPRISES:

- full body harness P 32PRO with front and dorsal attachment point, size M-XL or XXL
- retractable type fall arrester WR 040 DOUBLE with connectors AZ 055 (opening 50 mm)
- cargo bag, dimensions 45 x 38 x 10cm

#### ATTACHMENT POINTS:

USE:

#### **ATTACHMENT POINTS:**





















P 52PRO Full body harness



WR 040 DOUBLE retractable type fall arrester with connector AZ 055



PROT 22 work positioning device, 2m long with connectors AZ 002 and AZ 011



**CARGO BAG T4** 

- full body harness P 52PRO with front and dorsal attachment point, belt and side attachment buckles
- retractable type fall arrester WR 040 DOUBLE with connectors AZ 055 (opening 50 mm)
- work positioning device PROT 22, 2m long with connectors AZ 002 and AZ 011
- cargo bag, dimensions 45 x 38 x 10cm

#### **ATTACHMENT POINTS:**













#### USE:





# COMFORT

# NEW CONNECTORS AZ 029 P 30 **LA 101** Full body harness energy absorber with connectors AZ 011 and AZ 029 **CARGO BAG T2**

# **COMFORT 2**



#### THE KIT COMPRISES:

- full body harness P 30 with front and dorsal attachment point, size M-XL or XXL
- energy absorber, 1.6m long with connectors AZ 011 and AZ
- cargo bag, dimensions 31 x 27 x 10cm

#### THE KIT COMPRISES:

**CARGO BAG T4** 

- full body harness P 51E with front and dorsal attachment point, size M-XL or XXL
- energy absorber ABM with twin-tail elastic lanyard LE 111 and connectors AZ 011 and 2 x AZ 029
- work positioning device PROT 3, 2m long with connectors AZ 011 and AZ 002
- cargo bag, dimensions 45 x 38 x 10cm

#### **ATTACHMENT POINTS:**









USE:













USE:

2m long with connectors

AZ 011 and AZ 002













**ABM SCF** energy absorber BW 260 15 + AZ 011 + 2 x AZ 029 (opening 50mm), 1.5m long



PROT 22 work positioning device, 2m long + AZ 011 + AZ 002



**CARGO BAG** 

- full body harness P 52PRO with front and dorsal attachment point, belt and side attachment buckles
- energy absorber BW 260 15 with elastic lanyard and connectors AZ 011 and 2 x AZ 029 (opening 50mm), 1.5m long
- work positioning device PROT 22, 2m long with steel connectors AZ 002 and AZ 011
- cargo bag, dimensions 45 x 38 x 10cm

#### **ATTACHMENT POINTS:**













USE:





1







PROT 2
2 work positioning device



AZ 410 connecting lanyard, 1m long with connector AZ 011



**CARGO BAG** 

#### FALL PROTECTION KIT FOR WORK ON STEEP ROOF

#### THE KIT COMPRISES:

- full body harness P 70 with front and dorsal attachment point, adjustable thigh, shoulder straps and waist belt, size M-XL or XXL
- connecting lanyard AZ 410, 1m long with connector AZ 011
- work positioning device PROT 2 with connectors AZ 011 and AZ 002
- cargo bag, dimensions 45 x 38 x 10cm

#### **ATTACHMENT POINTS:**















**P70** Full body harness



**CARGO BAG** 



**AZ 410** 2 x connecting lanyard, 1m long with connector AZ 011



**AC 060** guided type fall arrester with working rope with connectors AZ 011 and AZ 002

## **FALL PROTECTION KIT FOR WORK ON STEEP ROOF**



**PROT 22** work positioning device

#### THE KIT COMPRISES:

- full body harness P 70 with front and dorsal attachment point, adjustable thigh, shoulder straps and waist belt, size M-XL or XXL
- 2 x connecting lanyard AZ 410, 1m long with connector AZ 011
- work positioning device PROT 22 with steel connectors AZ 002 and AZ 011
- rope grab with energy dissipater LINOSTOP II with working rope and connectors AZ011, AZ002
- cargo bag, dimensions 45 x 38 x 10cm

#### **ATTACHMENT POINTS:**















USE:



1



**P90** Full body harness



**CARGO BAG** 



**AZ 410** 2 x connecting lanyard, 1m long with connector AZ 011



**AC 080** guided type fall arrester with working rope with connectors 2 x AZ 011



**FALL PROTECTION KIT FOR WORK ON STEEP ROOF** 

**PROT 22** work positioning device

#### THE KIT COMPRISES:

- full body harness P 90 with front and dorsal attachment point, adjustable thigh, shoulder straps and waist belt, size M-XL or XXL
- 2 x connecting lanyard AZ 410, 1m long with connector AZ 011
- work positioning device PROT 22 with steel connectors AZ 002 and AZ 011  $\,$
- guided type fall arrester AC 080 with working rope and connectors AZ 011
- cargo bag, dimensions 45 x 38 x 10cm

USE:























P 40 Full body harness



**CARGO BAG AX 012** 



**AT 300** rescue lifting sling with 3 connectors AZ 011



**CRW 200** retractable type fall arrester with rescue lifting device and cable, 15m long

- full body harness P 40 with front and dorsal attachment point, size M-XL
- rescue lifting sling AT 300 with 3 connectors AZ 011
- retractable type fall arrester CRW 200 with rescue lifting device and cable,
- cargo bag AX 012, dimensions 80 x 40 x 40cm, volume 81L
- safety tripod TM 14 with fixing adapter for CRW 200
- pulley PL 101
- cargo bag for tripod TM 14

#### **ATTACHMENT POINTS:**









1 Fall protection kits





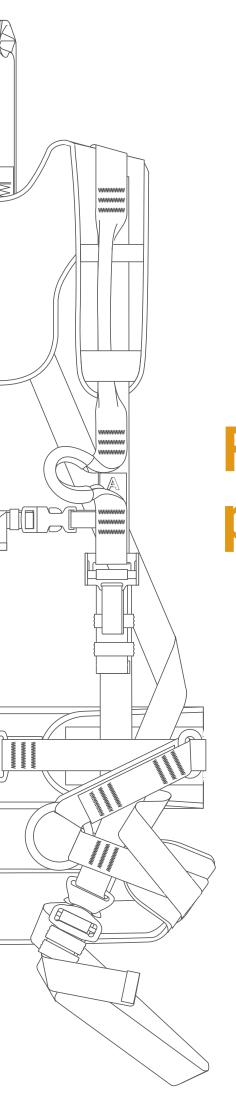


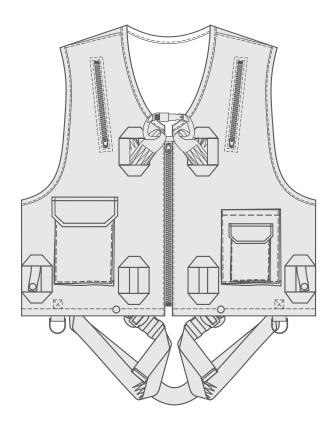
PL 101 Pulley



**AT 174** fixing adapter for CRW 200

CARGO BOX FOR TRIPOD TM 14





# Full body harnesses, protective clothing

Full body harness	2 - 3
Heat-resistant full body harness	2 - <b>65</b>
Hi Vision full body harness	2 - <b>89</b>
Overalls with full body harness	2 - <b>97</b>
SOFTSHELL jackets	2 - <b>98</b>
Harness with vest	2 - <b>101</b>
Protective vests	2 <b>- 102</b>



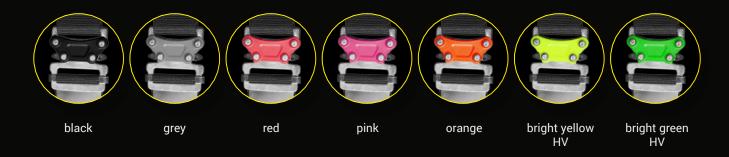
# New automatic buckles in harnesses!

The weight of the buckle is only 133 g



## Robust high-carbon steel construction

Colored cap ABS





### **SPECIAL FEATURES**



### **MANUFACTURE**

Webbing:	polyester 45mm	
Buckles:	galvanized steel	
Threads:	polyester	

### **NUMBER OF ATTACHMENT POINTS**







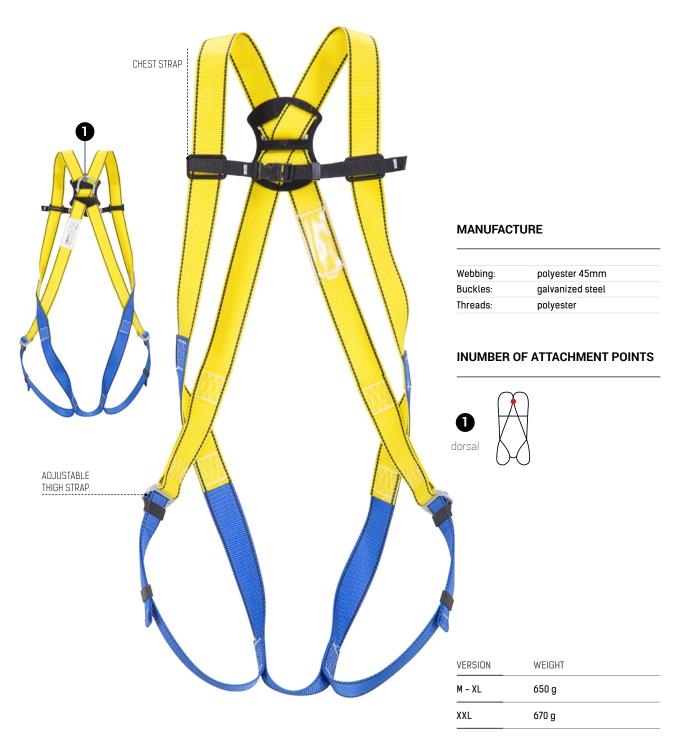
### **DORSAL ATTACHMENT POINT**



EN 361



**EN 361** Ref. no.: **AB 101 03 C €** 



### **DORSAL ATTACHMENT POINT**



Dorsal attachment D-ring

### **SPECIAL FEATURES**



PREMITTED TO WORK IN POTENTIALLY EXPLOSIVE AREAS

### **MANUFACTURE**

Webbing:	polyester 45mm	
Buckles:	galvanized steel	
Threads:	polyester	

### **NUMBER OF ATTACHMENT POINTS**





VERSION	WEIGHT
M – XL	690 g
XXL	710 g
	710 y

### **DORSAL ATTACHMENT POINT**





(€ EN 361, EN 358 Ref. no.: AB 102 01



### **SPECIAL FEATURES**



### POTENTIALLY EXPLOSIVE AREAS

### **MANUFACTURE**

Webbing:	polyester 45mm
Buckles:	galvanized steel
Threads:	polyester
Threads:	polyester

### **NUMBER OF ATTACHMENT POINTS**

WEIGHT



VERSION







M - XL 1050 g XXL1150 g

### **DORSAL ATTACHMENT POINT**



### **BELT**





### **SPECIAL FEATURES**



### **MANUFACTURE**

Webbing:	polyester 45mm
Buckles:	galvanized steel
Threads:	polyester

### **NUMBER OF ATTACHMENT POINTS**

WEIGHT

1100 g

1200 g



VERSION

M - XL

XXL







**DORSAL ATTACHMENT POINT** 



### **BELT**



EN 358

Work positioning belt with side attachment buckles

EN 361 Ref. no.: AB 103 01



### **SPECIAL FEATURES**



Tested for maximum user's weight 140 kg



PREMITTED TO WORK IN
POTENTIALLY EXPLOSIVE AREAS

### MANUFACTURE

Webbing:	polyester 45mm
Buckles:	galvanized steel
Threads:	polyester

### **NUMBER OF ATTACHMENT POINTS**







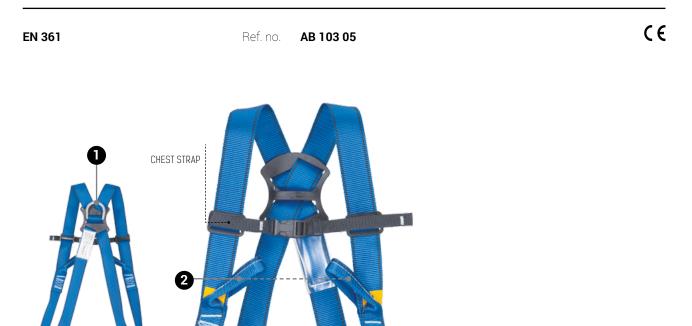


VERSION	WEIGHT	
M - XL	690 g	
XXL	700 g	

### **DORSAL ATTACHMENT POINT**







### **MANUFACTURE**

Webbing:	polyester 45mm
Buckles:	aluminium
Threads:	polyester

### NUMBER OF ATTACHMENT POINTS









VERSION	WEIGHT	
M – XL	670 g	
XXL	680 g	

### **DORSAL ATTACHMENT POINT**



Dorsal attachment D-ring

All buckles made of aluminium

ADJUSTABLE THIGH STRAP

### FRONT ATTACHMENT POINT



Front attachment point



**EN 361** Ref. no.: **AB 103 02 C €** 



### **SPECIAL FEATURES**



PREMITTED TO WORK IN

POTENTIALLY EXPLOSIVE AREAS

### **MANUFACTURE**

Webbing:	polyester 45mm	
Buckles:	galvanized steel	
Threads:	polyester	

### **NUMBER OF ATTACHMENT POINTS**









### VERSION WEIGHT M - XL 730 g XXL 740 g

### **DORSAL ATTACHMENT POINT**





# CHEST STRAP ADJUSTABLE THIGH STRAP

### **SPECIAL FEATURES**



**Tested for maximum** user's weight 140 kg



PREMITTED TO WORK IN POTENTIALLY EXPLOSIVE AREAS

### **MANUFACTURE**

Webbing:	polyester 45mm	
Buckles:	galvanized steel	
Threads:	polyester	

### **NUMBER OF ATTACHMENT POINTS**













VERSION	WEIGHT	
M – XL	1120 g	
XXL	1220 g	

### **DORSAL ATTACHMENT POINT**



### FRONT ATTACHMENT POINT



**BELT** 



PROTEKT

EN 361, EN 358 Ref. no.: AB 105 02



### **SPECIAL FEATURES**



PREMITTED TO WORK IN POTENTIALLY EXPLOSIVE AREAS

### **MANUFACTURE**

Webbing:	polyester 45mm	
Buckles:	galvanized steel	
Threads:	polyester	

### **NUMBER OF ATTACHMENT POINTS**













VERSION	WEIGHT	
M – XL	1160 g	
XXL	1260 g	

### **DORSAL ATTACHMENT POINT**





**BELT** 



12



### **SPECIAL FEATURES**



### **MANUFACTURE**

Webbing:	polyester 45mm
Buckles:	galvanized steel
Threads:	polyester

### **NUMBER OF ATTACHMENT POINTS**



dorsai



VERSION	WEIGHT	
M – XL	870 g	
XXL	900 g	

### **DORSAL ATTACHMENT POINT**



EN 361



(€ EN 361 Ref. no.: **AB 111 01** 



### **MANUFACTURE**

Webbing:	polyester 45mm
Buckles:	aluminium
Threads:	polyester

### **NUMBER OF ATTACHMENT POINTS**



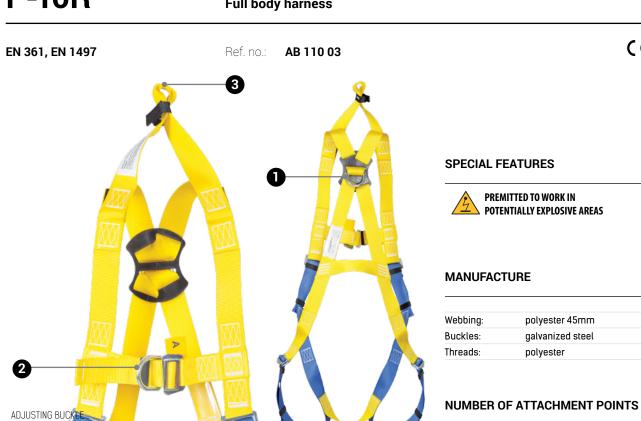


VERSION	WEIGHT
M – XL	920 g
XXL	1000 g

### **DORSAL ATTACHMENT POINT**



Dorsal attachment D-ring











( (





VERSION	WEIGHT
M – XL	1460 g
XXL	1600 g

### **DORSAL ATTACHMENT POINT**



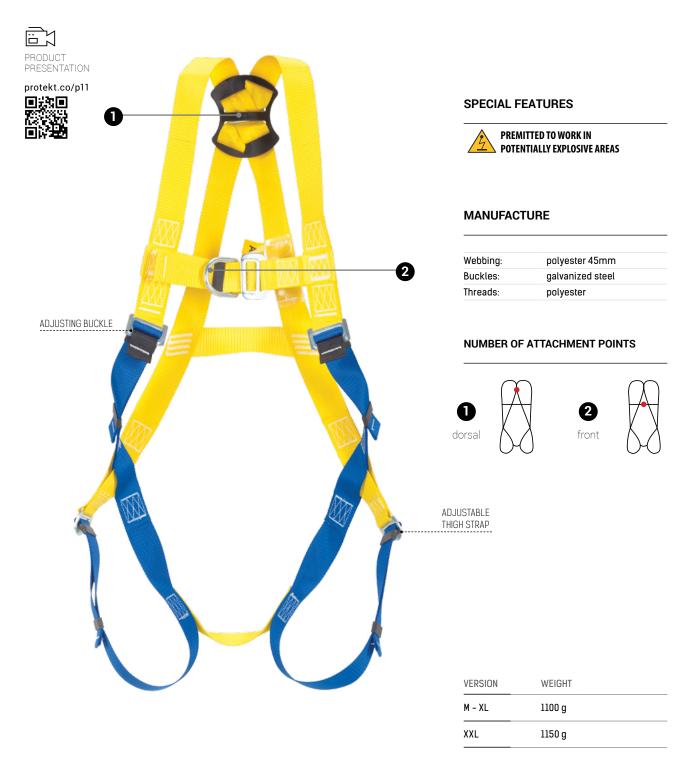
### FRONT ATTACHMENT POINT



**RESCUE ATTACHMENT POINT** 



ADJUSTABLE THIGH STRAP **EN 361** Ref. no.: **AB 110 07 C €** 



### **DORSAL ATTACHMENT POINT**





( ( Ref. no.: AB 110 21 EN 361



### **DORSAL ATTACHMENT POINT**







EN 361, EN 358

CHEST STRAP

ADJUSTING BUCKLE

ADJUSTABLE THIGH STRAP Ref. no.: **AB 120 01** 



protekt.co/p20



### **SPECIAL FEATURES**



PREMITTED TO WORK IN POTENTIALLY EXPLOSIVE AREAS

### **MANUFACTURE**

Webbing:	polyester 45mm	
Buckles:	galvanized steel	
Threads:	polyester	

### **NUMBER OF ATTACHMENT POINTS**

WEIGHT

1350 g

1450 g



VERSION

M - XL

XXL







(€





**BELT** 



(€

EN 361, EN 358

CHEST STRAP

ADJUSTING BUCKLE

Ref. no.: AB 120 21





### **MANUFACTURE**

Webbing:	polyester 45mm
Buckles:	galvanized steel, ABS
Threads:	polyester

### **NUMBER OF ATTACHMENT POINTS**









VERSION	WEIGHT	
M – XL	1600 g	
XXL	1690 g	

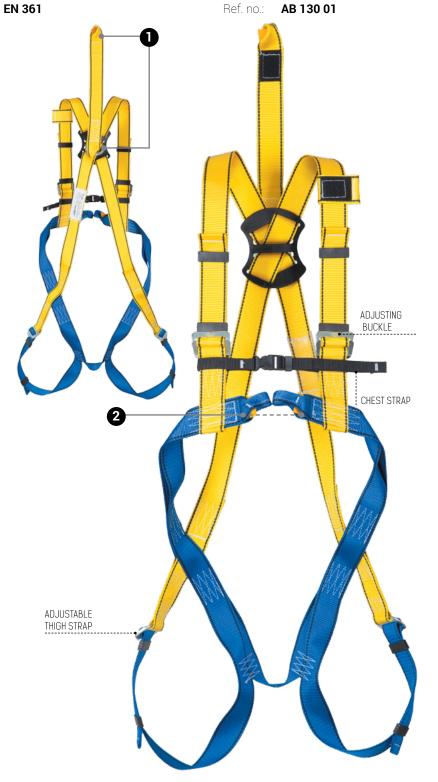
### **DORSAL ATTACHMENT POINT**



AUTOMATIC BUCKLE ADJUSTABLE THIGH STRAP

**BELT** 







protekt.co/p30



### **SPECIAL FEATURES**



### Protection up to 140 Kg



PREMITTED TO WORK IN POTENTIALLY EXPLOSIVE AREAS

### **MANUFACTURE**

Webbing:	polyester 45mm
Buckles:	galvanized steel
Threads:	polyester

### **NUMBER OF ATTACHMENT POINTS**







(€

 VERSION
 WEIGHT

 M - XL
 1010 g

 XXL
 1080 g

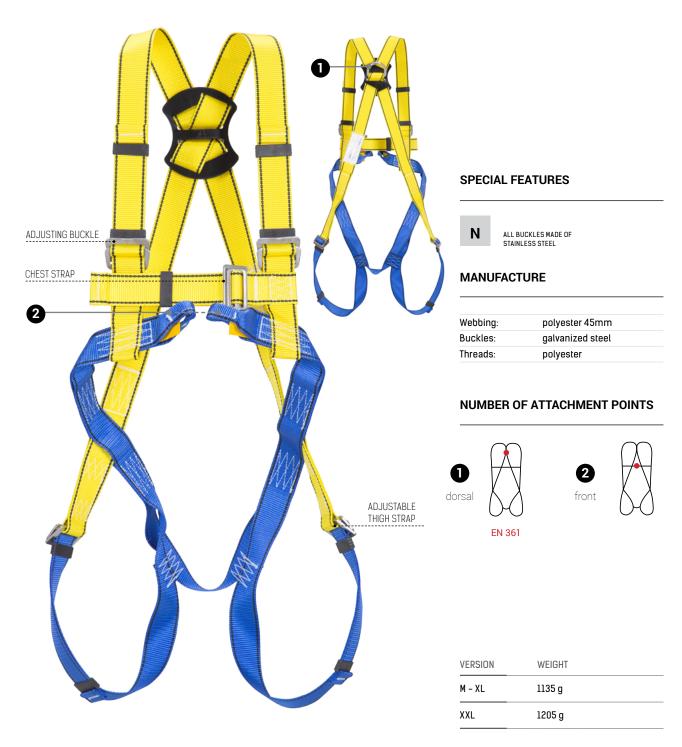
### **DORSAL ATTACHMENT POINT**





Front attachment point

### ( ( EN 361 Ref. no.: **AB 131 10**



### **DORSAL ATTACHMENT POINT**



EN 361 Dorsal attachment D-ring



EN 361 Front attachment point

€

## EN 361 Ref. no.: AB 130 21 ADJUSTING BUCKLE CHEST STRAP 2 AUTOMATIC BUCKLE ADJUSTABLE THIGH STRAP

**Full body harness** 



### SPECIAL FEATURES



### **MANUFACTURE**

Webbing:	polyester 45mm
Buckles:	galvanized steel, ABS
Threads:	polyester

### **NUMBER OF ATTACHMENT POINTS**







 VERSION
 WEIGHT

 M - XL
 1100 g

 XXL
 1180 g

### **DORSAL ATTACHMENT POINT**

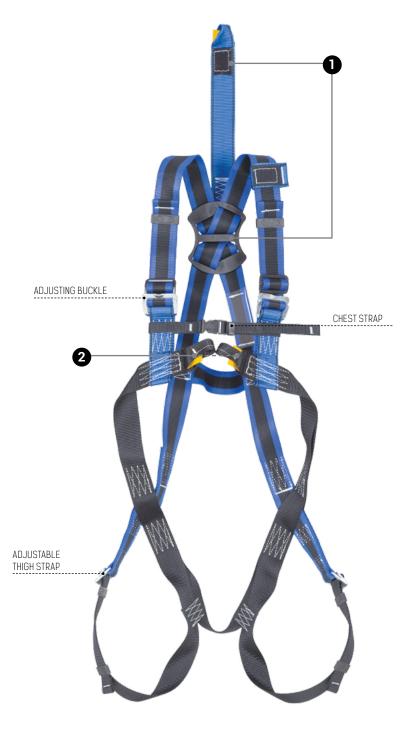


Dorsal attachment D-ring



Front attachment point

EN 361 Ref. no.: AB 130 02



### **SPECIAL FEATURES**



PREMITTED TO WORK IN POTENTIALLY EXPLOSIVE AREAS

### **MANUFACTURE**

Webbing:	polyester 45mm	
Buckles:	galvanized steel	
Threads:	polyester	

### **NUMBER OF ATTACHMENT POINTS**









 VERSION
 WEIGHT

 M - XL
 1235 g

 XXL
 1305 g

### **DORSAL ATTACHMENT POINT**

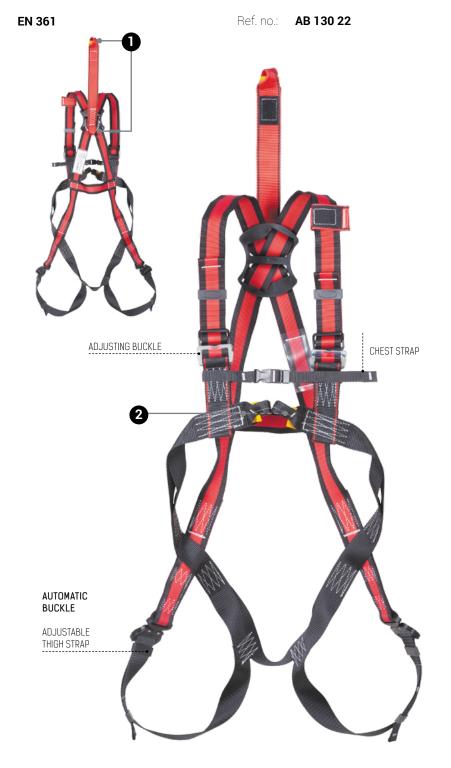


Dorsal attachment D-ring



**EN 301**Front attachment point

(€





### **SPECIAL FEATURES**



### **MANUFACTURE**

Webbing:	polyester 45mm
Buckles:	galvanized steel, ABS
Threads:	polyester

### **NUMBER OF ATTACHMENT POINTS**







VERSION	WEIGHT	
M – XL	1305 g	
XXL	1395 g	

### **DORSAL ATTACHMENT POINT**



Dorsal attachment D-ring

### FRONT ATTACHMENT POINT



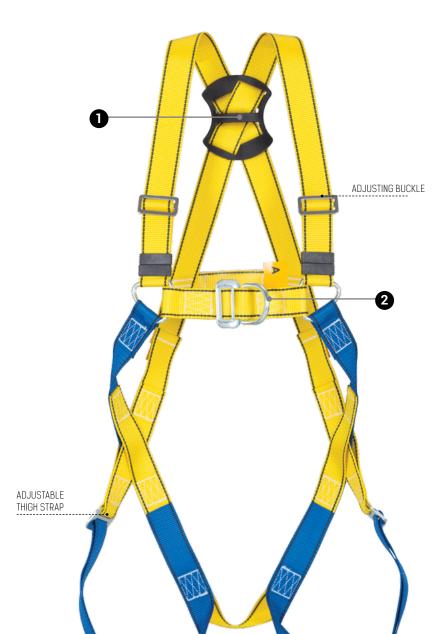
-11 301

Front attachment point

(€

EN 361

Ref. no.: **AB 135 01** 



### **MANUFACTURE**

Webbing:	polyester 45mm	
Buckles:	galvanized steel	
Threads:	polyester	

### **NUMBER OF ATTACHMENT POINTS**









 VERSION
 WEIGHT

 M - XL
 1150 g

 XXL
 1200 g

### **DORSAL ATTACHMENT POINT**



Dorsal attachment D-ring

### FRONT ATTACHMENT POINT



**Full body harness** 



### **MANUFACTURE**

Webbing:	polyester 45mm
Buckles:	galvanized steel, ABS
Threads:	polyester
	· · · · · · · · · · · · · · · · · · ·

### **NUMBER OF ATTACHMENT POINTS**













VERSION	WEIGHT	
M - XL	1220 g	
XXL	1270 g	

### **DORSAL ATTACHMENT POINT**



Dorsal attachment D-ring

### FRONT ATTACHMENT POINT



FULL BODY HARNESSES, PROTECTIVE CLOTHING

ENHANCED ALL AUTOMATIC

BUCKLES

E

AUTOMATIC BUCKLE

ADJUSTABLE THIGH STRAP



Tested for maximum user's weight 140 kg



ADAPTED TO COOPERATE WITH A TWO-POINT HITCH AT 300

### **MANUFACTURE**

Webbing:	polyester 45mm
Buckles:	galvanized steel, ABS
Threads:	polyester

### **NUMBER OF ATTACHMENT POINTS**

















### **DORSAL ATTACHMENT POINT**



Dorsal attachment D-ring

### FRONT ATTACHMENT POINT



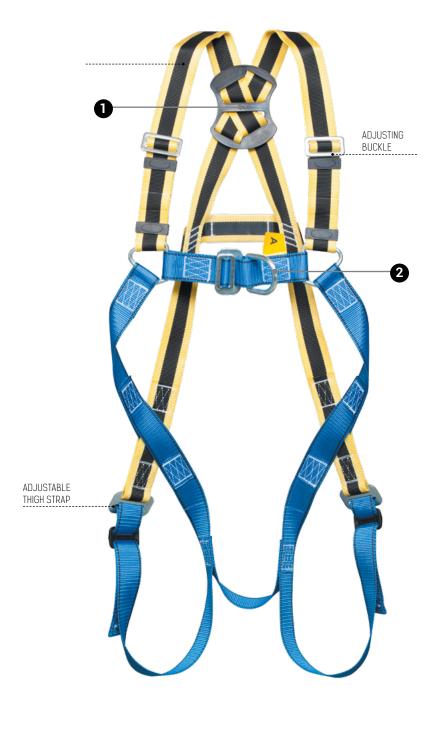
### **RESCUE ATTACHMENT POINT**



Rescue attachment point



EN 361 Ref. no.: AB 135 02



### **MANUFACTURE**

polyester 45mm	
galvanized steel	
polyester	
	galvanized steel

### **NUMBER OF ATTACHMENT POINTS**









VERSION	WEIGHT	
M – XL	1220 g	
XXL	1270 g	

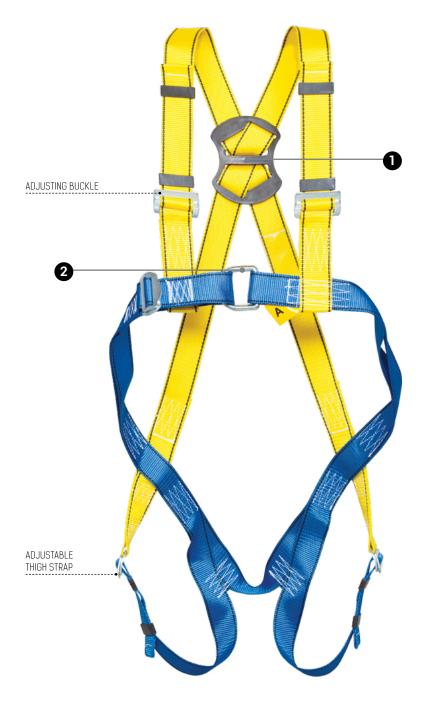
### **DORSAL ATTACHMENT POINT**



Dorsal attachment D-ring



Front attachment point



### **MANUFACTURE**

Webbing:	polyester 45mm
Buckles:	galvanized steel
Threads:	polyester

### **NUMBER OF ATTACHMENT POINTS**









VERSION	WEIGHT	
M - XL	1080 g	
XXL	1130 g	

### **DORSAL ATTACHMENT POINT**



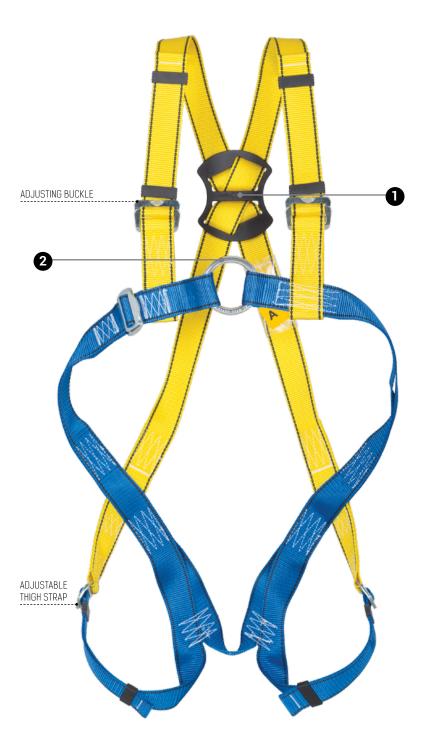
Dorsal attachment D-ring



Front attachment point

PROTEKT

(€ EN 361 Ref. no.: **AB 136 04** 



### **MANUFACTURE**

Webbing:	polyester 45mm	
Buckles:	aluminium galvanized steel	
Threads:	polyester	

### **NUMBER OF ATTACHMENT POINTS**









VERSION WEIGHT M - XL 1065 g XXL1135 g

### **DORSAL ATTACHMENT POINT**



EN 361 Dorsal attachment D-ring

### FRONT ATTACHMENT POINT



Front attachment point

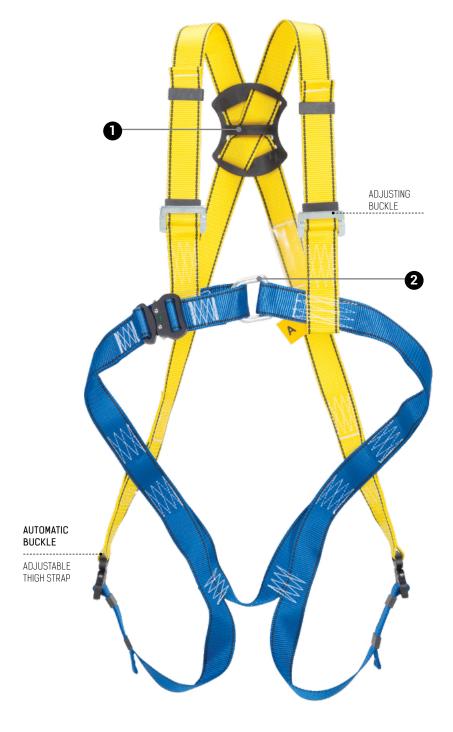


ALUMINIUM BUCKLE

EN 361

Ref. no.: AB 136 21





### **MANUFACTURE**

	Webbing:	polyester 45mm
	Buckles:	galvanized steel, ABS
	Threads:	polyester

### **NUMBER OF ATTACHMENT POINTS**













VERSION	WEIGHT
M - XL	1100 g
XXL	1160 g

### **DORSAL ATTACHMENT POINT**



Dorsal attachment D-ring

### FRONT ATTACHMENT POINT



EN 361 Front attachment point

EN 361 Ref. no.: AB 137 01



### **DORSAL ATTACHMENT POINT**



EN 361

Dorsal attachment D-ring



### **DORSAL ATTACHMENT POINT**



Dorsal attachment D-ring

**EN 361, EN 1497** Ref. no.: **AB 137 03** 



### **MANUFACTURE**

Webbing:	polyester	
Buckles:	galvanized steel	
Threads:	polyester	
Threads:	polyester	

### **NUMBER OF ATTACHMENT POINTS**









(€

EN 361

EN 1497

VERSION	WEIGHT	
M – XL	1435 g	
XXL	1595 g	

### **DORSAL ATTACHMENT POINT**



EN 361
Dorsal attachment D-ring

### **RESCUE ATTACHMENT POINT**



EN 1497
Rescue attachment point



#### **MANUFACTURE**

Webbing:	polyester
Buckles:	galvanized steel, ABS
Threads:	polyester

#### **NUMBER OF ATTACHMENT POINTS**











EN 1497

VERSION	WEIGHT	
M - XL	1495 g	
XXL	1655 g	

#### **DORSAL ATTACHMENT POINT**



EN 361 Dorsal attachment D-ring

#### **RESCUE ATTACHMENT POINT**



Rescue attachment point

2

EN 361 Ref. no.: AB 139 01



#### MANUFACTURE

Webbing:	polyester	
Buckles:	galvanized steel	
Threads:	polyester	

#### **NUMBER OF ATTACHMENT POINTS**









EN 361

EN 361

VERSION	WEIGHT	
M – XL	1380g	
XXL	1520 g	

#### DORSAL ATTACHMENT POINT



Dorsal attachment D-ring

#### FRONT ATTACHMENT POINT



Front attachment point



#### **MANUFACTURE**

Webbing:	polyester	
Buckles:	galvanized steel, ABS	
Threads:	polyester	

#### **NUMBER OF ATTACHMENT POINTS**







front



EN 361

EN 361

VERSION WEIGHT M - XL 1445g XXL 1585 g

#### **DORSAL ATTACHMENT POINT**



EN 361 Dorsal attachment D-ring

#### FRONT ATTACHMENT POINT



Front attachment point

2

EN 361, EN 1497

Ref. no.: **AB 139 03** 



#### **MANUFACTURE**

Webbing:	polyester
Buckles:	galvanized steel
Threads:	polyester

#### **NUMBER OF ATTACHMENT POINTS**





EN 361

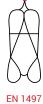




EN 361

€





 VERSION
 WEIGHT

 M - XL
 1550g

 XXL
 1690 g

#### **DORSAL ATTACHMENT POINT**



Dorsal attachment D-ring

#### FRONT ATTACHMENT POINT



EN 361 Front attachment point

#### **RESCUE ATTACHMENT POINT**



EN 1497
Rescue attachment point

EN 361, EN 1497

Ref. no.:

AB 139 24





#### **MANUFACTURE**

Webbing:	polyester
Buckles:	galvanized steel, ABS
Threads:	polyester

#### **NUMBER OF ATTACHMENT POINTS**



dorsal



front



EN 361

EN 361







EN 1497

VERSION	WEIGHT	
M - XL	1610g	
XXL	1760 g	

#### **DORSAL ATTACHMENT POINT**



Dorsal attachment D-ring

#### FRONT ATTACHMENT POINT



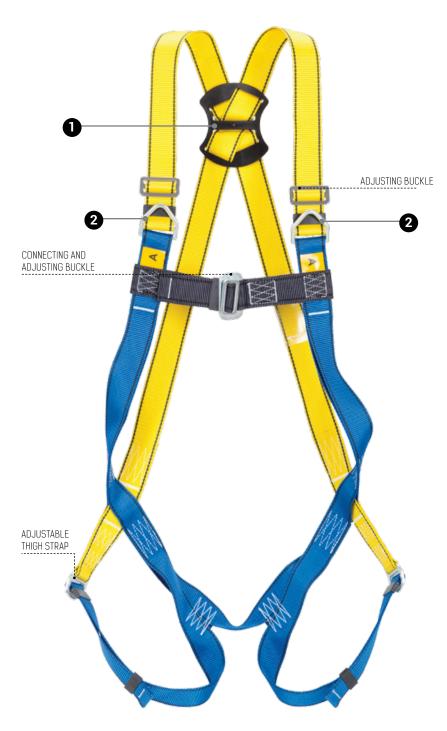
Front attachment point

#### **RESCUE ATTACHMENT POINT**



EN 1497 Rescue attachment point

(€ EN 361 Ref. no.: AB 140 01



#### **SPECIAL FEATURES**



PREMITTED TO WORK IN POTENTIALLY EXPLOSIVE AREAS



ADAPTED TO COOPERATE WITH A TWO-POINT HITCH AT 300

#### MANUFACTURE

Webbing:	polyester 45 mm	
Buckles:	galvanized steel	
Threads:	polyester	

#### **NUMBER OF ATTACHMENT POINTS**









VERSION	WEIGHT	
M - XL	1050g	
XXL	1200 g	

#### **DORSAL ATTACHMENT POINT**



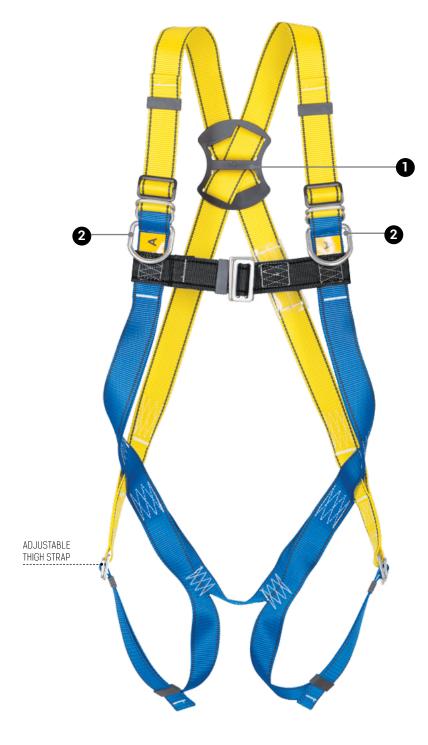
Dorsal attachment D-ring

#### FRONT ATTACHMENT POINT



Front attachment point

( ( EN 361 Ref. no.: **AB 141 01** 



#### **SPECIAL FEATURES**



ADAPTED TO COOPERATE WITH A TWO-POINT HITCH AT 300

#### **MANUFACTURE**

Webbing:	polyester 45 mm	
Buckles:	stainless steel	
Threads:	polyester	

#### **NUMBER OF ATTACHMENT POINTS**









VERSION WEIGHT M - XL 1260g XXL1310 g

#### **DORSAL ATTACHMENT POINT**



Dorsal attachment D-ring

#### FRONT ATTACHMENT POINT



Front attachment point

2

EN 361 Ref. no.: AB 140 21



#### **SPECIAL FEATURES**



#### **MANUFACTURE**

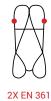
Webbing:	polyester 45mm
Buckles:	galvanized steel, ABS
Threads:	polyester

#### **NUMBER OF ATTACHMENT POINTS**









1

 VERSION
 WEIGHT

 M - XL
 1090g

 XXL
 1240 g

#### **DORSAL ATTACHMENT POINT**



Dorsal attachment D-ring

#### **DORSAL ATTACHMENT POINT**



**EN 361**Front attachment point



#### **SPECIAL FEATURES**



PREMITTED TO WORK IN POTENTIALLY EXPLOSIVE AREAS



ADAPTED TO COOPERATE WITH A TWO-POINT HITCH AT 300

#### **MANUFACTURE**

Webbing:	polyester 45 mm	
Buckles:	galvanized steel	
Threads:	polyester	
iiiicaas.	potycotci	

#### **NUMBER OF ATTACHMENT POINTS**











waist



VERSION	WEIGHT
M – XL	1530g
XXL	1750 g

#### **DORSAL ATTACHMENT POINT**



Dorsal attachment D-ring

#### DORSAL ATTACHMENT POINT



EN 361 Front attachment point

#### **BELT**



EN 358 Work positioning belt with side attachment buckles



# EN 361, EN 358 AB 150 01 Ref. no.: PRODUCT PRESENTATION protekt.co/p50 ADJUSTING BUCKLE CHEST STRAP ADJUSTABLE THIGH STRAP

#### **SPECIAL FEATURES**



# Protection up to 140 Kg



PREMITTED TO WORK IN
POTENTIALLY EXPLOSIVE AREAS

#### **MANUFACTURE**

Webbing:	polyester 45 mm	
Buckles:	galvanized steel	
Threads:	polyester	

#### **NUMBER OF ATTACHMENT POINTS**









(€





VERSION	WEIGHT	
M – XL	1640g	
XXL	1790 g	

#### **DORSAL ATTACHMENT POINT**



Dorsal attachment D-ring

#### FRONT ATTACHMENT POINT



**EN 361**Front attachment point



EN 358 Work positioning belt with side attachment buckles



#### **MANUFACTURE**

Webbing:	polyester 45 mm
Buckles:	galvanized steel
Threads:	polyester

#### **NUMBER OF ATTACHMENT POINTS**













VERSION	WEIGHT	
M - XL	1500 g	
XXL	1640 g	

#### **DORSAL ATTACHMENT POINT**



EN 361 Dorsal attachment D-ring

#### FRONT ATTACHMENT POINT



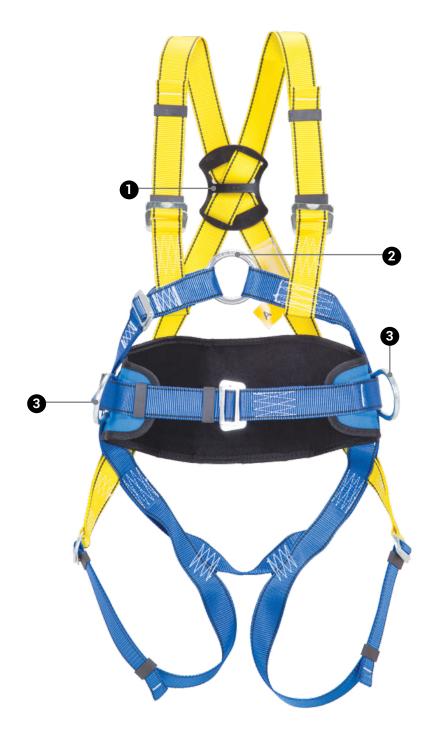
EN 361 Front attachment point

#### **BELT**



EN 358 Work positioning belt with side attachment buckles

EN 361, EN 358 Ref. no.: AB 156 05



#### **MANUFACTURE**

Webbing:	polyester 45mm
Buckles:	aluminium galvanized steel
Threads:	polyester

#### **NUMBER OF ATTACHMENT POINTS**













VERSION	WEIGHT	
M – XL	2380 g	
XXL	2510 g	

#### **DORSAL ATTACHMENT POINT**



Dorsal attachment D-ring

#### FRONT ATTACHMENT POINT



Front attachment point

AL
ALUMINIUM
BUCKLE

BELT

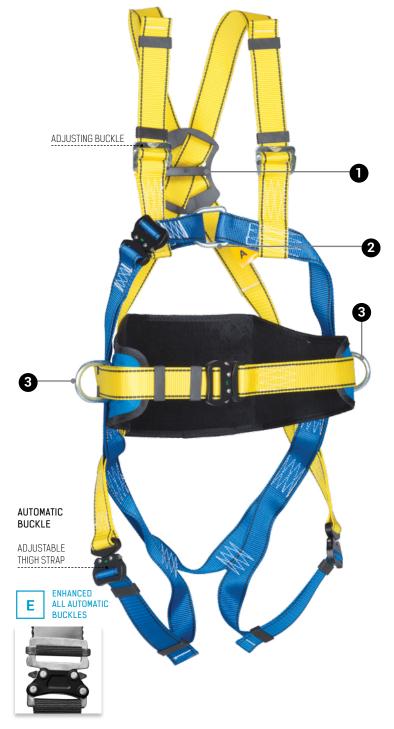


EN 358 Work positioning belt with side attachment buckles

EN 361, EN 358

AB 140 21 Ref. no.:





#### **MANUFACTURE**

Webbing:	polyester 45mm
Buckles:	galvanized steel, ABS
Threads:	polyester

#### **NUMBER OF ATTACHMENT POINTS**













WEIGHT	
1530 g	
1670 g	
	1530 g

#### **DORSAL ATTACHMENT POINT**



EN 361 Dorsal attachment D-ring

#### FRONT ATTACHMENT POINT



EN 361 Front attachment point

#### **BELT**



EN 358 Work positioning belt with side attachment buckles



EN 361, EN 358 Ref. no.: AB 158 21



#### **MANUFACTURE**

Webbing:	polyester 45mm
Buckles:	galvanized steel, ABS
Threads:	polyester

#### **NUMBER OF ATTACHMENT POINTS**













VERSION	WEIGHT	
M – XL	2380 g	
XXL	2210g	

#### **DORSAL ATTACHMENT POINT**



Dorsal attachment D-ring

#### FRONT ATTACHMENT POINT



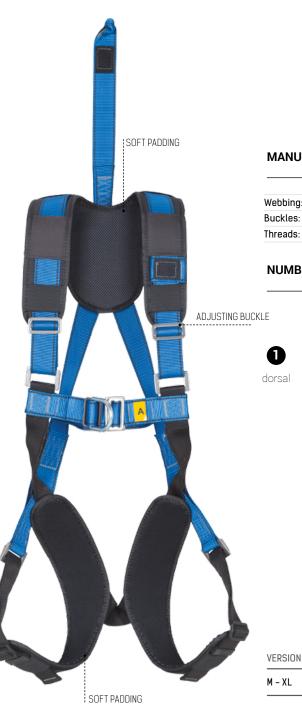
Front attachment point



Work positioning belt with side attachment buckles

#### (€ EN 361 Ref. no.: AB 133 01





#### **MANUFACTURE**

Webbing:	polyester 45 mm
Buckles:	galvanized steel
Threads:	polyester

#### **NUMBER OF ATTACHMENT POINTS**

WEIGHT

1500 g

1660 g



XXL







**DORSAL ATTACHMENT POINT** 

#### FRONT ATTACHMENT POINT



Dorsal attachment D-ring







2

#### EN 361 Ref. no.: AB 134 01



#### **MANUFACTURE**

Webbing:	polyester 45 mm
Buckles:	galvanized steel
Threads:	polyester

#### **NUMBER OF ATTACHMENT POINTS**









 VERSION
 WEIGHT

 M - XL
 1600 g

 XXL
 1700 g

#### **DORSAL ATTACHMENT POINT**



EN 361
Dorsal attachment D-ring

#### FRONT ATTACHMENT POINT



Front attachment point



#### **SPECIAL FEATURES**



PREMITTED TO WORK IN POTENTIALLY EXPLOSIVE AREAS

#### **MANUFACTURE**

Webbing:	polyester 45mm	
Buckles:	automatic aluminium galvanized steel	
Threads:	polyester	

#### **NUMBER OF ATTACHMENT POINTS**







ENHANCED ALL AUTOMATIC BUCKLES



VERSION	WEIGHT
M – XL	1115 g
XXL	1165 g

#### **DORSAL ATTACHMENT POINT**



PROTEKT

Ref. no.:

AB 122 21



#### **SPECIAL FEATURES**



PREMITTED TO WORK IN POTENTIALLY EXPLOSIVE AREAS

#### **MANUFACTURE**

Webbing:	polyester 45mm
Buckles:	galvanized steel, ABS
Threads:	polyester

#### **NUMBER OF ATTACHMENT POINTS**









М ХΧ

VERSION	WEIGHT	
M – XL	1450 g	
XXL	1550 g	

#### **DORSAL ATTACHMENT POINT**



Dorsal attachment D-ring



EN 358 Work positioning belt with side attachment buckles

# FULL BODY HARNESSES, PROTECTIVE CLOTHING

2

#### P-32mX PRO

EN 361 Ref. no.: AB 132 21

**Full body harness** 





protekt.co/p32pro



#### **SPECIAL FEATURES**



#### **MANUFACTURE**

Webbing:	polyester 45mm	
Buckles:	galvanized steel, ABS	
Threads:	polyester	

#### **NUMBER OF ATTACHMENT POINTS**









VERSION M - XL

WEIGHT 1650 g

XXL 1750 g

#### **DORSAL ATTACHMENT POINT**



Dorsal attachment D-ring

#### FRONT ATTACHMENT POINT



EN 301
Front attachment point

( ( EN 361, EN 358 Ref. no.: AB 152 21



#### **SPECIAL FEATURES**



PREMITTED TO WORK IN POTENTIALLY EXPLOSIVE AREAS

#### **MANUFACTURE**

Webbir	ng:	polyester 45mm
Buckle	S:	galvanized steel, ABS
Thread	S:	polyester

#### **NUMBER OF ATTACHMENT POINTS**













VERSION	WEIGHT
M – XL	1650 g
XXL	1750 g

#### **DORSAL ATTACHMENT POINT**

#### FRONT ATTACHMENT POINT



Dorsal attachment D-ring





**BELT** 



Work positioning belt with side attachment buckles

( (

EN 361, EN 358

Ref. no.: **AB 155 21** 



#### **SPECIAL FEATURES**



PREMITTED TO WORK IN POTENTIALLY EXPLOSIVE AREAS

#### **MANUFACTURE**

Webbing:	polyester 45 mm	
Buckles:	galvanized steel, ABS	
Threads:	polyester	

#### **NUMBER OF ATTACHMENT POINTS**













M – XL	1945 g	
XXL	2080 g	

#### **DORSAL ATTACHMENT POINT**



Dorsal attachment D-ring

#### FRONT ATTACHMENT POINT



#### **BELT**



EN 358
Work positioning belt with side attachment buckles

### P-51EmX ISOL Full body harness

EN 361, EN 358 Ref. no.: AB 155 22



#### **SPECIAL FEATURES**



PREMITTED TO WORK IN POTENTIALLY EXPLOSIVE AREAS

#### **MANUFACTURE**

Webbing:	polyester 45 mm
Buckles:	galvanized steel, ABS
Threads:	polyester

#### **NUMBER OF ATTACHMENT POINTS**













VERSION	WEIGHT	
M – XL	2105 g	
XXL	2240 g	

#### **DORSAL ATTACHMENT POINT**



Dorsal attachment D-ring

#### FRONT ATTACHMENT POINT



**EN 361**Front attachment point



Work positioning belt with isolated side attachment buckles

EN 361, EN 358

AB 155 21/LT 401

Full body harness





#### **SPECIAL FEATURES**



PREMITTED TO WORK IN POTENTIALLY EXPLOSIVE AREAS

#### **MANUFACTURE**

Webbing:	polyester 45 mm	
Buckles:	galvanized steel, ABS	
Threads:	polyester	

#### **NUMBER OF ATTACHMENT POINTS**













•	
<b>E</b>	
vaist	

WEIGHT	
2035 g	
2170 g	
	2035 g

#### **DORSAL ATTACHMENT POINT**

AUTOMATIC **BUCKLE** ADJUSTABLE THIGH STRAP

ENHANCED V **BUCKLES** 



Dorsal attachment D-ring

#### FRONT ATTACHMENT POINT



EN 361 Front attachment point



EN 358 Work positioning belt with side attachment buckles



2







#### **SPECIAL FEATURES**



PREMITTED TO WORK IN POTENTIALLY EXPLOSIVE AREAS

#### **MANUFACTURE**

Webbing:	polyester 45 mm
Buckles:	galvanized steel
Threads:	polyester

#### **NUMBER OF ATTACHMENT POINTS**









(€





VERSION	WEIGHT	
M – XL	1720 g	
XXL	1870 g	

#### **DORSAL ATTACHMENT POINT**



Dorsal attachment D-ring

#### FRONT ATTACHMENT POINT



Front attachment point

**BELT** 



Work positioning belt with side attachment buckles

#### EN 361, EN 358 Ref. no.: AB 160 02



#### **SPECIAL FEATURES**



PREMITTED TO WORK IN POTENTIALLY EXPLOSIVE AREAS

#### **MANUFACTURE**

Webbing:	polyester 45 mm	
Buckles:	galvanized steel	
Threads:	polyester	

#### **NUMBER OF ATTACHMENT POINTS**













VERSION	WEIGHT	
M – XL	1880 g	
XXL	1960 g	

#### **DORSAL ATTACHMENT POINT**



Dorsal attachment D-ring

#### FRONT ATTACHMENT POINT



**EN 361**Front attachment point



EN 358 Work positioning belt with side attachment buckles



2

# EN 361, EN 358 Ref. no.: AB 161 01 ADJUSTING BUCKLE CHEST STRAP MOVABLE BELT

#### **SPECIAL FEATURES**



PREMITTED TO WORK IN POTENTIALLY EXPLOSIVE AREAS

#### **MANUFACTURE**

Webbing:	polyester 45 mm
Buckles:	galvanized steel
Threads:	polyester

#### **NUMBER OF ATTACHMENT POINTS**









(€





VERSION	WEIGHT	
M - XL	1880 g	
XXL	1960 g	

#### **DORSAL ATTACHMENT POINT**



Dorsal attachment D-ring

#### FRONT ATTACHMENT POINT



Front attachment point

#### BELT



Work positioning belt with side attachment buckles

ADJUSTABLE THIGH STRAP



MOVABLE BELT

#### **MANUFACTURE**

Webbing:	polyester 45 mm	
Buckles:	galvanized steel, ABS	
Threads:	polyester	

#### **NUMBER OF ATTACHMENT POINTS**











waist

VERSION

M - XL

XXL



WEIGHT

2145 g

2300 g







AUTOMATIC

**BUCKLE** ADJUSTABLE THIGH STRAP

#### DORSAL ATTACHMENT POINT



Dorsal attachment D-ring

#### FRONT ATTACHMENT POINT



Front attachment point

**BELT** 



EN 358 Work positioning belt with side attachment buckles

2

EN 361, EN 358

Ref. no.: **AB 161 02** 

#### $\epsilon$





ELASTIC WEBBING

ADJUSTING BUCKLE PREMITTED TO WORK IN POTENTIALLY EXPLOSIVE AREAS

#### **MANUFACTURE**

Webbing:	polyester 45 mm	
Buckles:	galvanized steel	
Threads:	polyester	

#### **NUMBER OF ATTACHMENT POINTS**















VERSION	WEIGHT
M - XL	1880 g
XXL	1960 g

#### **DORSAL ATTACHMENT POINT**



Dorsal attachment D-ring

#### FRONT ATTACHMENT POINT



MOVABLE BELT

**EN 361** Front attachment point

#### BELT

ADJUSTABLE THIGH STRAP



Work positioning belt with side attachment buckles

EN 361, EN 358

AB 161 22

Ref. no.:

#### **MANUFACTURE**

Webbing:	polyester 45 mm
Buckles:	galvanized steel, ABS
Threads:	polyester

#### **NUMBER OF ATTACHMENT POINTS**













#### DORSAL ATTACHMENT POINT



Dorsal attachment D-ring

#### FRONT ATTACHMENT POINT



Front attachment point

**BELT** 



Work positioning belt with side attachment buckles

(€

# EN 361, EN 358 Ref. no.: AB 162 21

**Full body harness** 



#### **MANUFACTURE**

Webbing:	polyester 45mm	
Buckles:	galvanized steel, ABS	
Threads:	polyester	

#### **NUMBER OF ATTACHMENT POINTS**

















VERSION	WEIGHT	
M – XL	2370 g	
XXL	2490 g	

#### **DORSAL ATTACHMENT POINT**



Dorsal attachment D-ring

#### FRONT ATTACHMENT POINT



Front attachment point

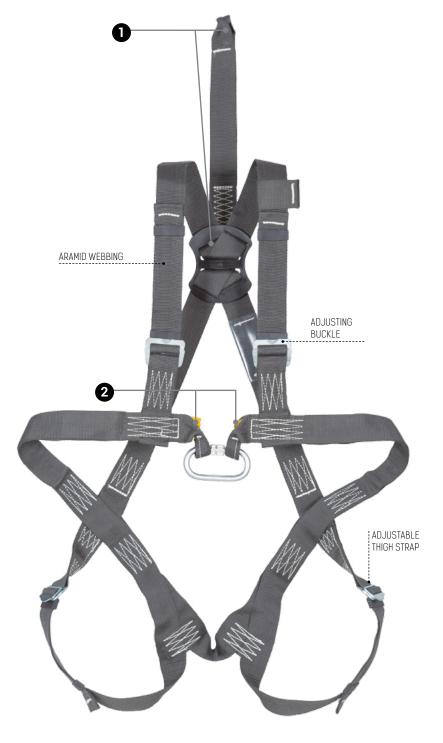
BELT



EN 358

Work positioning belt with side attachment buckles

#### EN 361 Ref. no.: AB 131 01



#### **SPECIAL FEATURES**



Tested for maximum user's weight 140 kg



PREMITTED TO WORK IN POTENTIALLY EXPLOSIVE AREAS



#### **MANUFACTURE**

Webbing:	polyester 45 mm
Buckles:	galvanized steel
Threads:	polyester

#### **NUMBER OF ATTACHMENT POINTS**









EN 361

EN 36

VERSION	WEIGHT	
M – XL	1030 g	
XXL	1090 g	

#### **DORSAL ATTACHMENT POINT**



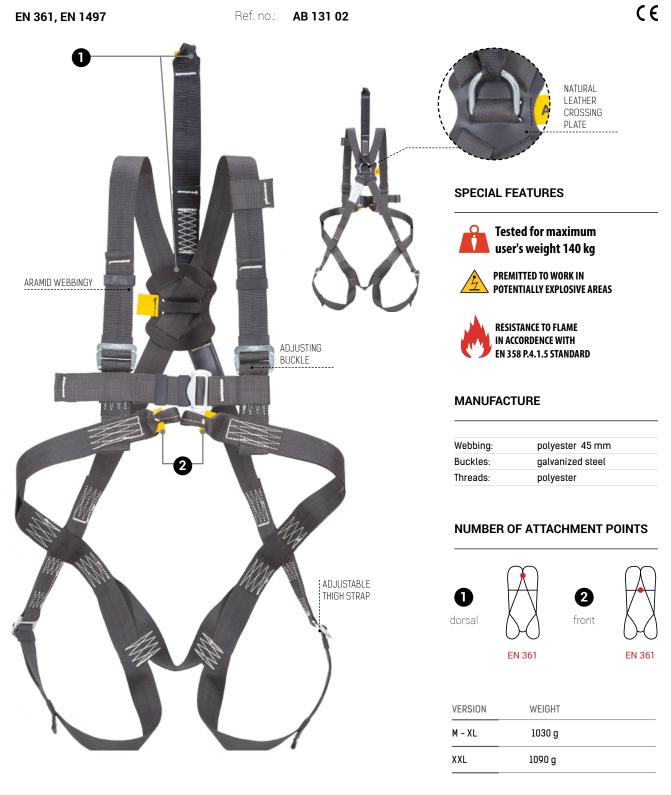
Dorsal attachment D-ring

#### FRONT ATTACHMENT POINT



**EN 361**Front attachment point





#### **DORSAL ATTACHMENT POINT**



Dorsal attachment D-ring

#### FRONT ATTACHMENT POINT



**EN 361** Front attachment point

# EN 361, EN 358 AB 159 21 Ref. no.: NATURAL LEATHER CROSSING PLATE ARAMID WEBBING ADJUSTING BUCKLE ARAMID FABRIC AUTOMATIC **BUCKLE** ADJUSTABLE THIGH STRAP

#### **SPECIAL FEATURES**



Tested for maximum user's weight 140 kg



PREMITTED TO WORK IN POTENTIALLY EXPLOSIVE AREAS



RESISTANCE TO FLAME IN ACCORDENCE WITH EN 358 P.4.1.5 STANDARD

#### **MANUFACTURE**

Webbing:	polyester 45 mm
Buckles:	automatic aluminium
Threads:	polyester

#### **NUMBER OF ATTACHMENT POINTS**









EN 361

( (

EN 361

waist



EN 358

VERSION	WEIGHT	
M – XL	1600 g	
XXL	1680 g	

#### **DORSAL ATTACHMENT POINT**



Dorsal attachment D-ring

#### FRONT ATTACHMENT POINT



EN 361 Front attachment point



**EN 358**Work positioning belt with side attachment buckles



P-50NmX ISOL

( ( EN 361, EN 358 Ref. no.: AB 159 22



#### **SPECIAL FEATURES**





#### **MANUFACTURE**

Webbing:	polyester 45 mm
Buckles:	galvanized steel, ABS
Threads:	polyester

#### NUMBER OF ATTACHMENT POINTS









EN 361

EN 361





EN 358

VERSION	WEIGHT	
M - XL	1690 g	
XXL	1790 g	

#### **DORSAL ATTACHMENT POINT**



Dorsal attachment D-ring

#### FRONT ATTACHMENT POINT



Front attachment point



EN 358 Work positioning belt with side attachment buckles



#### **SPECIAL FEATURES**



PREMITTED TO WORK IN POTENTIALLY EXPLOSIVE AREAS

#### **MANUFACTURE**

Webbing:	polyester 45 mm	
Buckles:	galvanized steel	
Threads:	polyester	

#### **NUMBER OF ATTACHMENT POINTS**









EN 361







 VERSION
 WEIGHT

 M - XL
 1660 g

 XXL
 1760 g

#### **DORSAL ATTACHMENT POINT**



EN 361
Dorsal attachment D-ring

#### FRONT ATTACHMENT POINT



**EN 361**Front attachment point

#### BELT



EN 358 Work positioning belt with side attachment buckles

SIT HARNESS



EN 813
Attachment point for sit harness

EN 361, EN 358, EN 813

AB 170 21 Ref. no.:





#### **SPECIAL FEATURES**



PREMITTED TO WORK IN POTENTIALLY EXPLOSIVE AREAS

#### **MANUFACTURE**

Webbing:	polyester 45 mm
Buckles:	galvanized steel, ABS
Threads:	polyester

#### **NUMBER OF ATTACHMENT POINTS**









EN 361

EN 361

3



sit harness

EN 358 EN 813

VERSION	WEIGHT	
M – XL	1660 g	
XXL	1760 g	

#### DORSAL ATTACHMENT POINT





EN 361 Dorsal attachment D-ring



EN 361

Front attachment point



EN 358 Work positioning belt with side attachment buckles

**SIT HARNESS** 



EN 813 Attachment point for sit harness



### **MANUFACTURE**

Webbing:	polyester 45 mm
Buckles:	galvanized steel
Threads:	polyester

### **NUMBER OF ATTACHMENT POINTS**















EN 813

VERSION	WEIGHT	
M – XL	1660 g	
XXL	1760 g	

SIT HARNESS

### DORSAL ATTACHMENT POINT FRONT ATTACHMENT POINT



Dorsal attachment D-ring



Front attachment point

3 EN 358 Work positioning belt with side attachment buckles

**BELT** 

EN 813 Attachment point for sit harness

PROTEKT

**Full body harness** 

### **SPECIAL FEATURES**



PREMITTED TO WORK IN POTENTIALLY EXPLOSIVE AREAS

### **MANUFACTURE**

Webbing:	polyester 45 mm
Buckles:	galvanized steel, ABS
Threads:	polyester

### **NUMBER OF ATTACHMENT POINTS**











waist

VERSION

M – XL



sit harness

EN 813

XXL1820 g

EN 361 Dorsal attachment D-ring



EN 361 Front attachment point

### 3

EN 358

**BELT** 

Attachment point for sit



**SIT HARNESS** 

WEIGHT

1720 g

EN 813 Attachment point for sit harness

DORSAL ATTACHMENT POINT FRONT ATTACHMENT POINT

6

PREMITTED TO WORK IN POTENTIALLY EXPLOSIVE AREAS



Tested for maximum user's weight 140 kg



ADAPTED TO COOPERATE WITH A TWO-POINT HITCH AT 300

### **MANUFACTURE**

Webbing:	polyester 45mm
Buckles:	galvanized steel, ABS
Threads:	polyester

### **NUMBER OF ATTACHMENT POINTS**











waist





sit harness







EN 1497

VERSION	WEIGHT	
M - XL	1780 g	
XXL	1890 g	

### DORSAL ATTACHMENT POINT

**ENHANCED** 

ALL AUTOMATIC

### FRONT NT POINT ATTACHMENT POINT

ADJUSTING BUCKLE



EN 361 Front attachment point



**BELT** 

EN 358 Attachment point for sit harness

### SIT HARNESS



Attachment point for sit harness

**RESCUE ATTACHMENT POINT** 



EN 1497
Rescue attachment point

Dorsal attachment D-ring

EN 361

EN 361, EN 358, EN 813

Ref. no.: **AB 171 02** 

## ADJUSTING ${\sf BUCKLE}$ ADJUSTING BUCKLE ADJUSTABLE THIGH STRAP

### **SPECIAL FEATURES**



### **NUMBER OF ATTACHMENT POINTS**







(€



waist







 VERSION
 WEIGHT

 M - XL
 1720 g

 XXL
 1820 g

### **DORSAL ATTACHMENT POINT**



Dorsal attachment D-ring

### FRONT ATTACHMENT POINT



Front attachment point

### BELT



EN 358 Work positioning belt with side attachment buckles

### SIT HARNESS



Attachment point for sit harness

# ADJUSTING BUCKLE ENHANCED ALL AUTOMATIC BUCKLES

### **SPECIAL FEATURES**





**Tested for maximum** user's weight 140 kg

### **MANUFACTURE**

Webbing:	polyester 45 mm	
Buckles:	galvanized steel, ABS	
Threads:	polyester	

### **NUMBER OF ATTACHMENT POINTS**











waist







VERSION WEIGHT M - XL 1780 g XXL1890 g

### DORSAL ATTACHMENT POINT



EN 361 Dorsal attachment D-ring

### FRONT ATTACHMENT POINT



EN 361 Front attachment point

### **BELT**



EN 358 Work positioning belt with side attachment buckles

**SIT HARNESS** 



Attachment point for sit harness

**Full body harness** 



### **MANUFACTURE**

Webbing:	polyester 45 mm
Buckles:	galvanized steel, ABS
Threads:	polyester

### **NUMBER OF ATTACHMENT POINTS**













sit harness



EN 813

VERSION	WEIGHT	
M - XL	1720 g	
XXL	1820 g	

### **DORSAL ATTACHMENT POINT**



EN 361 Dorsal attachment D-ring

### FRONT ATTACHMENT POINT



Front attachment point

### **BELT**

ADJUSTABLE THIGH STRAP



EN 358 Work positioning belt with side attachment buckles

### **SIT HARNESS**



EN 813 Attachment point for sit harness

### ELASTIC WEBBING ELASTIC WEBBING

### **SPECIAL FEATURES**



PREMITTED TO WORK IN POTENTIALLY EXPLOSIVE AREAS



**Tested for maximum** user's weight 140 kg

### **MANUFACTURE**

Webbing:	polyester 45 mm	
Buckles:	galvanized steel, ABS	
Threads:	polyester	

### **NUMBER OF ATTACHMENT POINTS**







front







3 waist

VERSION

M - XL

 $\mathsf{XXL}$ 



sit harness



ENHANCED ALL AUTOMATIC



### FRONT ATTACHMENT POINT



Dorsal attachment D-ring

**DORSAL ATTACHMENT POINT** 



Front attachment point

**BELT** 



EN 358 Work positioning belt with side attachment buckles

**SIT HARNESS** 

WEIGHT

1780 g

1860 g



Attachment point for sit harness



(€

### P-80EmX ISOL

### **Full body harness**

EN 361, EN 358, EN 813

CHEST STRAP



AB 180 03



### SPECIAL FEATURES



PREMITTED TO WORK IN POTENTIALLY EXPLOSIVE AREAS

### **MANUFACTURE**

Webbing:	polyester 45 mm	
Buckles:	galvanized steel, ABS	
Threads:	polyester	

### **NUMBER OF ATTACHMENT POINTS**











waist







EN 813

VERSION	WEIGHT	
M – XL	1800 g	
XXL	1800 g	

### DORSAL ATTACHMENT POINT FRONT ATTACHMENT POINT



Dorsal attachment D-ring





**BELT** 

Work positioning belt with side attachment buckles

### **SIT HARNESS**



Attachment point for sit harness



### **SPECIAL FEATURES**



Tested for maximum user's weight 140 kg

### **MANUFACTURE**

Webbing:	polyester 45 mm	
Buckles:	automatic aluminium	
Threads:	polyester	

### **NUMBER OF ATTACHMENT POINTS**









EN 361





4 sit harness

EN 813

 VERSION
 WEIGHT

 M - XL
 1890 g

 XXL
 1980 g

### DORSAL ATTACHMENT POINT FRONT ATTACHMENT POINT



Dorsal attachment D-ring

EN 361

Front attachment point

BELT

3



EN 358 Work positioning belt with side attachment buckles

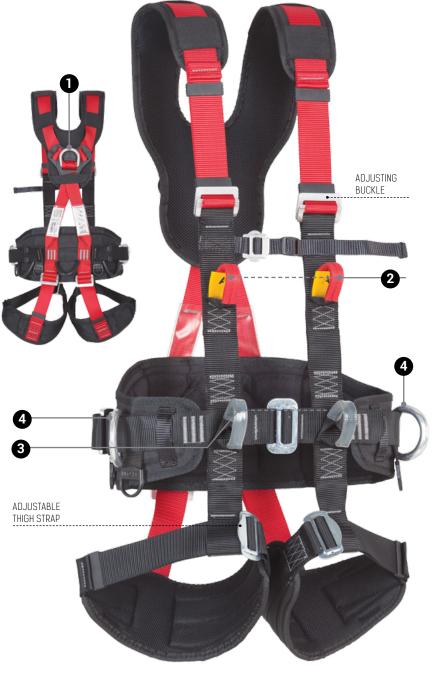
**SIT HARNESS** 



EN 813 Attachment point for sit harness

EN 361, EN 358, EN 813

Ref. no.: **AB 181 03** 



### **MANUFACTURE**

Webbing:	polyester 45 mm	
Buckles:	galvanized steel	
Threads:	polyester	

### **NUMBER OF ATTACHMENT POINTS**









(€





sit harness



EN 813

VERSION	WEIGHT	
M - XL	1810 g	
XXL	1900 g	

### DORSAL ATTACHMENT POINT FRONT ATTACHMENT POINT



EN 361 Dorsal attachment D-ring



EN 361 Front attachment point

### **BELT**



EN 358 Work positioning belt with side attachment buckles

### **SIT HARNESS**



Rescue attachment point



### **SPECIAL FEATURES**



Tested for maximum user's weight 140 kg



ADAPTED TO COOPERATE WITH A TWO-POINT HITCH AT 300

### **MANUFACTURE**

Webbing:	polyester 45 mm
Buckles:	galvanized steel, ABS
Threads:	polyester
Threads:	polyester

### **NUMBER OF ATTACHMENT POINTS**

















 VERSION
 WEIGHT

 M - XL
 1820 g

 XXL
 1960 g

### DORSAL ATTACHMENT POINT FRONT ATTACHMENT POINT



EN 361

Dorsal attachment D-ring



EN 361 Front attachment point

### BELT



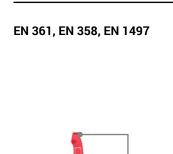
EN 358
Work positioning belt with side attachment buckles

### RESCUE ATTACHMENT POINT



EN 1497
Attachment point for sit harness





Ref. no.:







### **SPECIAL FEATURES**



**Tested for maximum** user's weight 140 kg



ADAPTED TO COOPERATE WITH A TWO-POINT HITCH AT 300

### **MANUFACTURE**

Webbing:	polyester 45mm
Buckles:	galvanized steel, ABS
Threads:	polyester

### **NUMBER OF ATTACHMENT POINTS**















EN 358

VERSION	WEIGHT	
M - XL	2540 g	
XXL	2750 g	

### **DORSAL ATTACHMENT POINT**

**ENHANCED ALL AUTOMATIC** 

BUCKLES



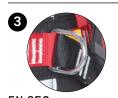
Dorsal attachment D-ring

### FRONT ATTACHMENT POINT



EN 361 Front attachment point

**BELT** 



EN 358 Work positioning belt with side attachment buckles

**RESCUE** 



EN 1497 Rescue loops

## ADJUSTING BUCKLE 4 ADJUSTABLE THIGH STRAP

### **SPECIAL FEATURES**



PREMITTED TO WORK IN **POTENTIALLY EXPLOSIVE AREAS** 



**Tested for maximum** user's weight 140 kg

### **MANUFACTURE**

Webbing:	polyester 45 mm	
Buckles:	galvanized steel	
Threads:	polyester	

### **NUMBER OF ATTACHMENT POINTS**













waist

sit harness



VERSION WEIGHT M - XL 1950 g XXL2030 g

### **DORSAL ATTACHMENT POINT**



EN 361 Dorsal attachment D-ring

**FRONT ATTACHMENT POINT** 



EN 361 Front attachment point

### WORK **POSITIONING**



Work positioning belt with side attachment buckles

### SIT HARNESS





EN 813 Attachment point for sit harness

Ref. no.:

AB 190 03

### **SPECIAL FEATURES**



**Tested for maximum** user's weight 140 kg

### **MANUFACTURE**

Webbing:	polyester 45 mm
Buckles:	galvanized steel, ABS
Threads:	polyester

### **NUMBER OF ATTACHMENT POINTS**











3

waist







**DORSAL ATTACHMENT POINT** 



Dorsal attachment D-ring

**FRONT ATTACHMENT POINT** 



EN 361 Front attachment point

2 Full body harnesses, protective clothing

### **WORK POSITIONING**



EN 358 Work positioning belt with side attachment buckles

**VERSION** WEIGHT 1950 g M - XL XXL2030 g

### SIT HARNESS



EN 813

Attachment point for sit harness



(€ EN 361 Ref. no.: AB 110 04



### **DORSAL ATTACHMENT POINT**



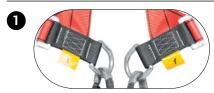
EN 361 Dorsal attachment D-ring



EN 361, EN 1497 Ref. no.: AB 114 01



### FRONT ATTACHMENT POINT



EN 361

Front attachment point

(€ EN 361 Ref. no.: AB 115 02



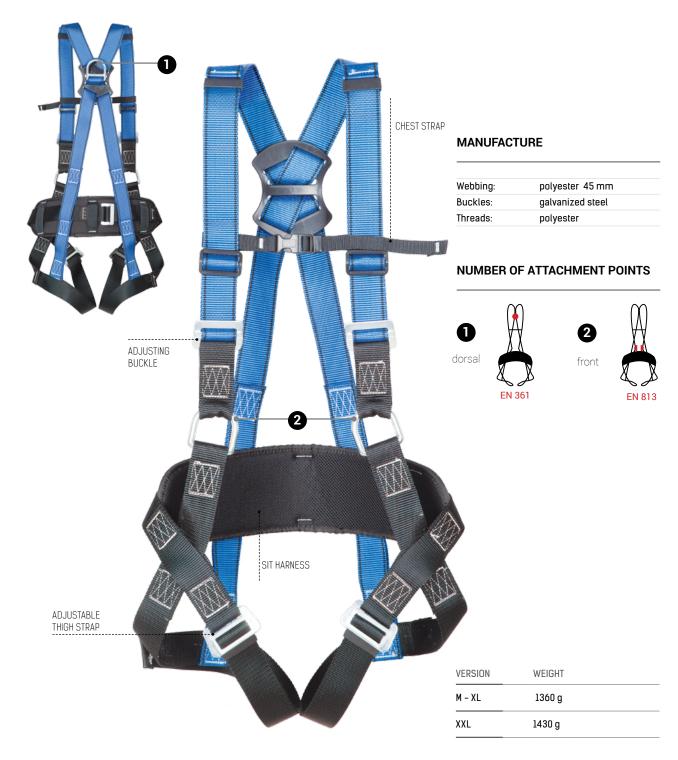
### **DORSAL ATTACHMENT POINT**



Dorsal attachment D-ring



EN 361, EN 813 Ref. no.: AB 116 01



### **DORSAL ATTACHMENT POINT**

### EN 361

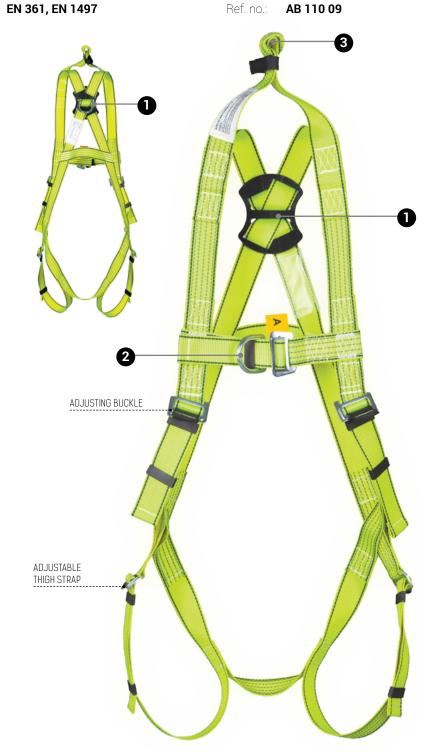
Dorsal attachment D-ring

### SIT HARNESS



EN 813
Front attachment point





### **MANUFACTURE**

Webbing:	polyester 45 mm
Buckles:	galvanized steel
Threads:	polyester

### **NUMBER OF ATTACHMENT POINTS**







(€

EN 361



EN 1497

 VERSION
 WEIGHT

 M - XL
 1460 g

 XXL
 1600 g

### **DORSAL ATTACHMENT POINT**



Dorsal attachment D-ring

### FRONT ATTACHMENT POINT



Front attachment point

**RESCUE ATTACHMENT POINT** 



EN 1497 Rescue attachment point

### **SPECIAL FEATURES**



**ADAPTED TO COOPERATE WITH** A TWO-POINT HITCH AT 300

### **MANUFACTURE**

Webbing:	polyester 45mm
Buckles:	agalvanized steel, ABS
Threads:	polyester

### **NUMBER OF ATTACHMENT POINTS**









EN 361

EN 361

3





EN 1497

**VERSION** WEIGHT M - XL 1100 g

XXL1160 g

### **DORSAL ATTACHMENT POINT**



Dorsal attachment D-ring

AUTOMATIC **BUCKLE** 

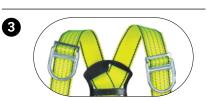
ADJUSTABLE THIGH STRAP

### FRONT ATTACHMENT POINT

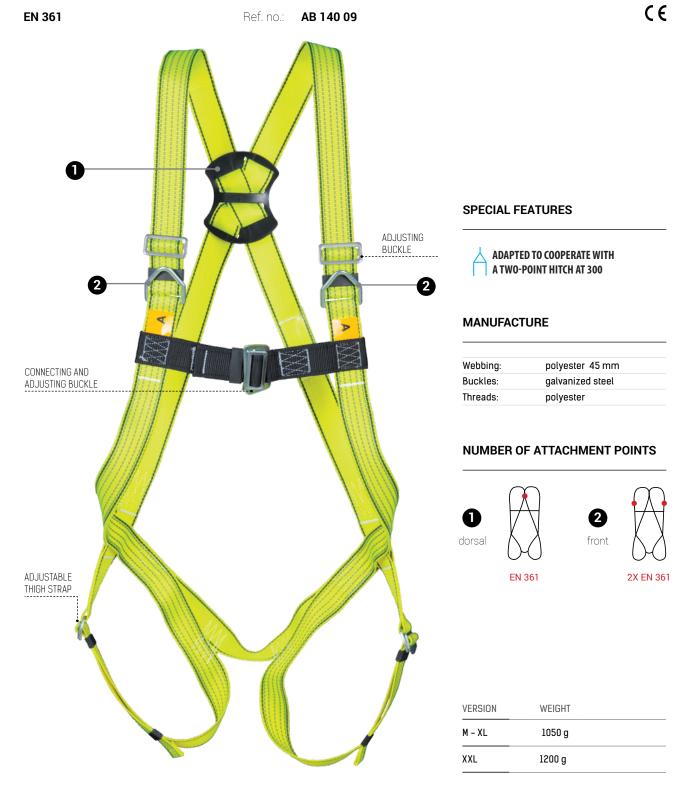


Front attachment point

**RESCUE ATTACHMENT POINT** 



EN 1497 Rescue attachment point

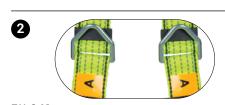


### **DORSAL ATTACHMENT POINT**



Dorsal attachment D-ring

### FRONT ATTACHMENT POINT



EN 361
Front attachment point

CONNECTING AND

ADJUSTING BUCKLE



### **SPECIAL FEATURES** ADJUSTING BUCKLE **ADAPTED TO COOPERATE WITH**

### **MANUFACTURE**

Webbing:	polyester 45 mm
Buckles:	galvanized steel
Threads:	polyester

A TWO-POINT HITCH AT 300

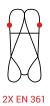
### **NUMBER OF ATTACHMENT POINTS**



3







EN 361

3 waist

EN 358

VERSION	WEIGHT	
M – XL	1530 g	
XXL	1750 g	

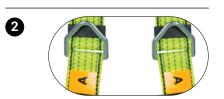
### **DORSAL ATTACHMENT POINT**



ADJUSTABLE THIGH STRAP

EN 361 Dorsal attachment D-ring

### FRONT ATTACHMENT POINT



EN 361 Front attachment point

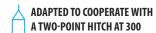
### **BELT**



EN 358 Work positioning belt with side attachment buckles



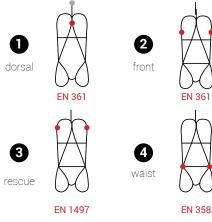
### **SPECIAL FEATURES**



### **MANUFACTURE**

Webbing:	polyester 45mm
Buckles:	galvanized steel, ASB
Threads:	polyester

### **NUMBER OF ATTACHMENT POINTS**



VERSION	WEIGHT	
M - XL	2540 g	
XXL	2750 g	

### **DORSAL ATTACHMENT POINT**



Dorsal attachment D-ring

### FRONT ATTACHMENT POINT



EN 361 Front attachment point

### **RESCUE**



EN 1497 Rescue loops

**BELT** 



EN 358 Work positioning belt with side attachment buckles

AB 130 04

Ref. no.:

### **MANUFACTURE**

Webbing:	polyester 45 mm	
Buckles:	galvanized steel	
Threads:	polyester	

### **NUMBER OF ATTACHMENT POINTS**









VERSION WEIGHT M - XL 1000 g XXL1600 g

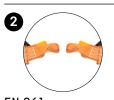
### **DORSAL ATTACHMENT POINT**



Dorsal attachment D-ring

THIGH STRAP

### FRONT ATTACHMENT POINT



EN 361 Front attachment point

**EN 361, EN 358** Ref. no.: **AB 150 04** 



### **MANUFACTURE**

polyester 45 mm	
galvanized steel	
polyester	
	galvanized steel

### **NUMBER OF ATTACHMENT POINTS**









(€



waist



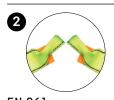
VERSION	WEIGHT	
M – XL	1460 g	
XXL	1600 g	

### **DORSAL ATTACHMENT POINT**



Dorsal attachment D-ring

### FRONT ATTACHMENT POINT



**EN 361**Front attachment point

### BELT



EN 358
Work positioning belt with side attachment buckles

( (

**EN 361** 

Ref. no.: **KB 020** 



### **SPECIAL FEATURES**



### **MANUFACTURE**

Material:	HV fabric: 85% Polyester, 15% Cotton other fabrics: 65% Polyester, 35% Cotton
Weight:	350 a

Overalls integrated with full body harness. Made from highquality polyester and cotton fabric by KLOPMAN. Full body harness is sewn up inside the overalls with dorsal attachment D-ring brought out.

### VARIOUS FABRICS AND COLOURS ON REQUEST OVERALLS AVAILABLE ALSO IN REFLECTIVE VERSION.

### COLOUR VERSION

HV orange		
		_





### **MANUFACTURE**

Material:	97% Polyester, 3% Elastane
Weight:	350 g

### **SIZES**

HEIGHT	CHEST CIRCUMFERENCE
176-179 cm	83-94 cm
179-182 cm	95-102 cm
182-185 cm	103-112 cm
	176-179 cm

Softshell jacket equipped with full body harness P11 or P11C (automatic buckles).

Harness can be released easily. The jacket is made of firmly woven fabric providing an excellent protection against wind blows. The applied technology ensures windproofness, water tightness and breathability. Thanks to the above the jacket provides optimal protection while working with high intensity. The jacket is fitted with full-length zipper, chin protection and a single front and two side pockets. Sleeve cuffs are adjustable with strong Velcro fasteners.







Sleeve cuffs are adjustable with strong Velcro fasteners.

JACKET KB042 + P11C

EN 361

Ref. no.: **AB 104 01** 



### **MANUFACTURE**

Webbing:	polyester 45 mm	
Buckles:	galvanized steel	
Threads:	polyester	

### **NUMBER OF ATTACHMENT POINTS**









EN 361

EN 361

### COLOUR VERSION

HV yellow/green
-----------------

HV orange

### **DORSAL ATTACHMENT POINTS**



EN 361 Dorsal attachment D-ring

### FRONT ATTACHMENT POINTS



Front attachment point



Ref. no.: **VS 010** 



### **MANUFACTURE**

85% Polyester, 15% Cotton
0,60 kg
waist 80-110 cm
P-01, P-01S, P-02, P-02S, P-10, P-20, P-30, P-30N, P-50, P-51E, P-60, P-61, P-61E
40 mm and 30 mm

### **COLOUR VERSION**

HV yellow/green
HV orange

### **VS 011**

### Protective vest with reflective tapes

Ref. no.: **VS 011** 

### **SPECIAL FEATURES**



PREMITTED TO WORK IN POTENTIALLY EXPLOSIVE AREAS

### **MANUFACTURE**

Material:	100% Polyester	
Weight:	0,30 kg waist 100-130 cm	
Size:		
Reflective tape width:	30 mm	
COLOUR VERSION		
HV orange		
HV yellow/green		
Red		
Green		
Dark blue		
Black		

Ref. no.: **VS 012** 



### MANUFACTURE

100% Polyester
0,30 kg
L–XL
50 mm

### **VS 020**

### Protective vest with reflective tapes

Ref. no.: **VS 020** 



### MANUFACTURE

Mater	ial	65% Polyester, 35% Cotton	
Weigh	ht:	: 0,62 kg	
Size:		L-XL	
Comp	P-01, P-01S, P-02, P-02S, P-10, P-20, P-30,P-40, P-50, P-51E, P-60, P-61, P-61E		
COLO	UR VERSION		
	HV orange		_
	HV yellow/gr	een	
	Red		
	Green		
	Dark blue		
	Black		

Ref. no.: **VS 030** 



### **MANUFACTURE**

Material	65% Polyester, 35% Cotton	
Weight:	0,60 kg	
Size:	L-XL	
Compatibility:	P-01, P-01S, P-02, P-02S, P-10, P-20, P-30, P-30N, P-50, P-51E, P-60, P-61, P-61E	
COLOUR VERSION		
HV orange		
Tiv drange		
HV yellow/gr	reen	
Red		
Green		

**VS 031** 

### **Vest for full body harness**

Ref. no.: **VS 031** 



### **MANUFACTURE**

Black

Material	65% Polyester, 35% Cotton	
Weight:	0,60 kg	
Size:	L-XL	
Compatibility:	P-01, P-01S, P-02, P-02S, P-10, P-20, P-30, P-30N, P-50, P-51E, P-60, P-61, P-61E	
COLOUR VERSION		
HV orange		
HV yellow/g	ireen	
Red		
Green		
Dark blue		
Black		



4	PREMITTED TO WORK IN POTENTIALLY EXPLOSIVE AREAS
	POTENTIALLY EXPLOSIVE AREAS

### MANUFACTURE

Material	65% Polyester, 35% Cotton 0,60 kg	
Weight:		
Size:	L-XL	
Compatibility:	P-01, P-01S, P-02, P-02S, P-10, P-20, P-30, P-30N, P-50, P-51E, P-60, P-61, P-61E	
COLOUR VERSION		
HV orange		
HV yellow/g	reen	
Red		
Green		
Dark blue		
Black		

### **VS 041**

### **Vest for full body harness**

Ref. no.: **VS 041** 





### MANUFACTURE

Material

Weight:	0,60 kg	
Size:	L-XL	
Compatibility:	P-01, P-01S, P-02, P-02S, P-10, P-20, P-30, P-30N, P-50, P-51E, P-60, P-61, P-61E	
COLOUR VERSI	ON	
HV orang	ge	
HV yello	w/green	
Red		
Green		
Dark blu	ie	
Black		

65% Polyester, 35% Cotton

Ref. no.: **VS 042** 









### **MANUFACTURE**

Material	85% Polyester, 15% Cotton
Weight:	0,60 kg
Size:	L-XL
Compatibility:	P-01, P-01S, P-03, P-10, P-30, P-30N

COLOUR VERSION

HV orange HV yellow/green



(€ Ref. no.: **VS 050** 

# **MANUFACTURE**

Material:	85% Polyester, 15% Cotton
Weight:	0,60 kg
Size:	L-XL
Compatibility:	P-01, P-01S, P-01B, P-10, P-30, P-30N,
Reflective tape width:	40 mm

# COLOUR VERSION

HV orange	
HV vellow/green	

# **VS 051**

# **Vest for full body harness**



# MANUFACTURE

Material:	85% Polyester, 15% Cotton
Weight:	0,60 kg
Size:	L-XL
Compatibility:	P-01, P-01S, P-01B, P-10, P-30, P-30N,
Reflective tape width:	40 mm

COLOUR VERSION	NET PRICE
COLOGIC VERGION	METRIOL

HV orange	125,00
HV yellow/green	125,00

Ref. no.: **VS 070** 



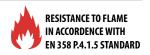
Material in accordance with the following standards: EN 532, EN 367, EN 366, EN 373 - resistance to aluminium filings (780°C), resistance to iron filings (1400°C).

# **MANUFACTURE**

Material	65% Polyester, 35% Cotton
Weight:	0,60 kg
Size:	L-XL
Compatibility:	P-01, P-01S, P-02, P-02S, P-10, P-20, P-50,P-60, P-61

# **SPECIAL FEATURES**





# COLOUR VERSION

HV orange

GRAY

Ref. no.: **VS 080** 







# **MANUFACTURE**

Material	85% Polyester, 15% Cotton
Weight:	0,70 kg
Size:	L-XL
Compatibility:	P-01, P-01S, P-10, P-30, P-30N, P-40
	<u> </u>

# COLOUR VERSION

HV orange		
HV yellow/green		
Red		
Green		
Dark blue		
Black		

Ref. no.: **VS 200** 

EN 340, EN 531, EN 1149-5



# **SPECIAL FEATURES**



Warning vest, flame-retardant, anti-static, type VS 200, made from acrylic fabric XISPAL 827 RS HV ANTIESTATICO, HV yellow/green. Reflective flame-retardant tapes, 50mm wide, Ref. No. RETROLUX FLR 600.

Vest snapped with four snap fasteners at front, covered with placket.

Rolled up and stitched lower section. Along its perimeter the vest has a single reflective tape sewn up horizontally on the waist at the front, running through shoulders, and two diagonal tapes at the back.

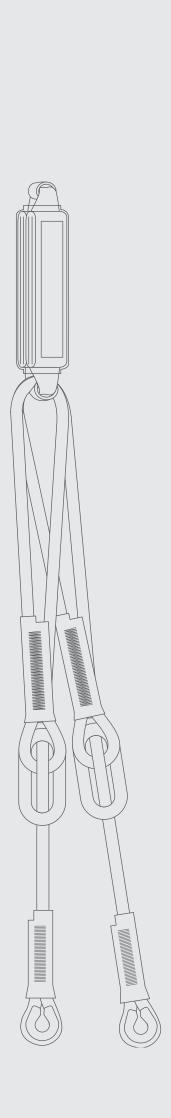
The vest holds **EC Type Examination Certificate** 

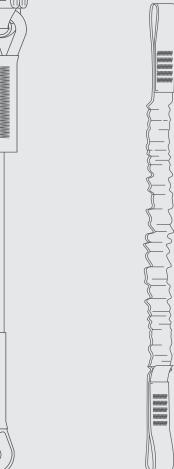
# **MANUFACTURE**

Size:	L-XL

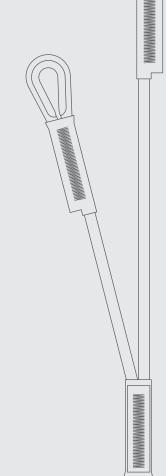
HV yellow/green











# **Energy** absorbers and lanyards

AW - energy absorbers with lanyard

3 - 2

ABM - energy absorbers with lanyard

3 - **9** 

ABM SCF - energy absorbers with lanyard for work on scaffolds

3 - 29

Lanyards

3 - **35** 

PROTEKT

3

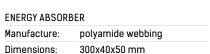
(€ **EN 355** Ref. no.: AW170/LB100



# **PARAMETERS**

# **SPECIAL FEATURES**

LANYARD	
Material:	polyester
Manufacture:	kernmantle lanyard
Diameter:	12 mm





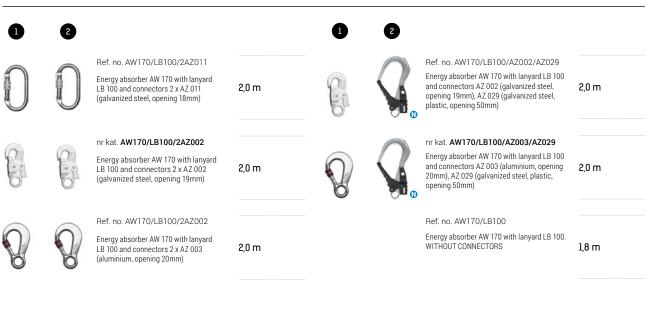
**Protection up** to 140 Kg



PREMITTED TO WORK IN **POTENTIALLY EXPLOSIVE AREAS** 

# **DEVICE STANDARD CONFIGURATIONS**

NEW CONNECTOR AZ 029



(€

# **PARAMETERS**

LANYARD		
Material:	polyester	
Manufacture:	kernmantle lanyard	
Diameter-	10.5 mm	

# **ENERGY ABSORBER**

Manufacture:	polyamide webbing
Dimensions:	300x40x50 mm

# **SPECIAL FEATURES**





# **DEVICE STANDARD CONFIGURATIONS**

**INTIREM CONNECTOR AZ 029** 





Ref. no. AW170/LB101/2AZ011

Energy absorber AW 170 with lanyard LB 100 and connectors 2 x AZ 011 (galvanized steel, opening 18mm)









Energy absorber AW 170 with lanyard LB 101 and connectors AZ 002 (galvanized steel, opening 19mm), AZ 029 (galvanized steel, plastic, opening 50mm)

2,0 m





Ref. no. AW170/LB101/2AZ002

Energy absorber AW 170 with lanyard LB 101 and connectors 2 x AZ 002 (galvanized steel, opening 19mm)





Ref. no. AW170/LB101/AZ003/AZ029

Energy absorber AW 170 with lanyard LB 101 and connectors AZ 003 (aluminium, opening 20mm), AZ 029 (galvanized steel, plastic, opening 50mm)

2,0 m





Ref. no. AW170/LB101/2AZ003

Energy absorber AW 170 with lanyard LB 100 and connectors 2 x A7 002 (galvanized steel, opening 19mm)

20 m

2,0 m

2,0 m



Ref. no. AW170/LB101

Energy absorber AW 170 with lanyard LB 101. WITHOUT CONNECTORS

1,8 m

3

(€ **EN 355** Ref. no.: AW170/LB102



# **PARAMETERS**

LANYARD Material:

Manufacture:

Diameter:

# kernmantle lanyard

# **ENERGY ABSORBER**

Manufacture: polyamide webbing Dimensions: 300x40x50 mm

polyester

12 mm

# **SPECIAL FEATURES**





**Protection up** to 140 Kg

# **DEVICE STANDARD CONFIGURATIONS**



Ref. no. AW170/LB102/3AZ011 Energy absorber AW 170 with twin-tail lanyard LB 102 and connectors 3 x AZ 011 (galvanized steel, opening 18mm)

2,0 m

NEW CONNECTOR AZ 029



Ref. no. AW170/LB102/AZ002/2AZ029

Energy absorber AW 170 with twin-tail lanyard LB 102 and connectors AZ 002 (galvanized steel, opening 19mm), 2 x AZ 029 (galvanized steel, plastic, opening 50mm)

2,0 m



Ref. no. AW170/LB102/AZ003/2AZ029

Energy absorber AW 170 with twin-tail lanyard LB 102 and connectors AZ 003 (aluminium, opening 20mm), 2 x AZ 029 (galvanized steel, plastic, opening 50mm)

2,0 m



Ref. no. AW170/LB102/AZ002/2AZ025

Energy absorber AW 170 with twin-tail lanyard LB 102 and connectors AZ 002 (galvanized steel, opening 19mm), 2 x AZ 025 (galvanized steel, opening 83mm)

2,0 m



Ref. no. AW170/LB102/AZ003/2AZ024

Energy absorber AW 170 with twin-tail lanyard LB 102 and connectors AZ 003 (aluminium, opening 20mm), 2 x AZ 024 (aluminium, opening 100mm)

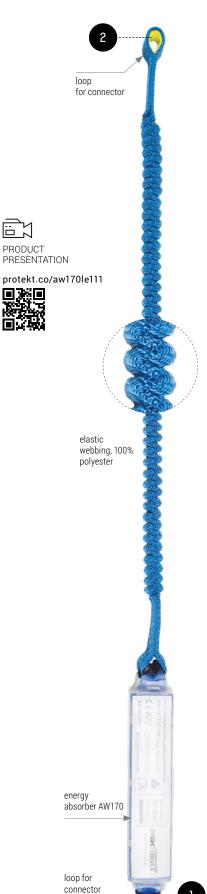
2,0 m

Ref. no. AW170/LB102

Energy absorber AW 170 with twin-tail lanyard LB 102. WITHOUT CONNECTORS

1,8 m

#### (€ **EN 355** Ref. no.: AW170/LE111



# **PARAMETERS**

LANYARD		ENERGY ABSORBER		
Material:	polyester	Manufacture:	polyamide webbing	
Manufacture:	polyamide webbing	Dimensions:	300x40x50 mm	
Diameter:	28 mm			

# **SPECIAL FEATURES**



# **AVAILABLE COLOR VERSIONS**



# **DEVICE STANDARD CONFIGURATIONS**

NEW CONNECTOR AZ 029







# Ref. no. AW170/LE111/2AZ011

Energy absorber AW 170 with elastic lanyard LE 111 and connectors 2 x AZ 011 (galvanized steel, opening 18mm)

2,0 m





# Ref. no. AW170/LE111/2AZ002

Energy absorber AW 170 with elastic lanyard LE 111 and connectors 2 x AZ 002 (galvanized steel, opening 19mm)

2,0 m





# Ref. no. AW170/LE111/2AZ003

Energy absorber AW 170 with elastic lanyard LE 111 and connectors 2 x AZ 003 (aluminium, opening 20mm)

2,0 m





# Ref. no. AW170/LE111/AZ002/AZ029

Energy absorber AW 170 with elastic lanyard LE 111 and connectors AZ 002 (galvanized steel, opening 19mm) AZ 029 (galvanized steel, plastic, opening 50mm)

2,0 m



# Ref. no. AW170/LE111/AZ003/AZ029

Energy absorber AW 170 with elastic lanyard LE 111 and connectors AZ 002 (galvanized steel, opening 19mm) AZ 029 (galvanized steel, plastic, opening 50mm)

2,0 m

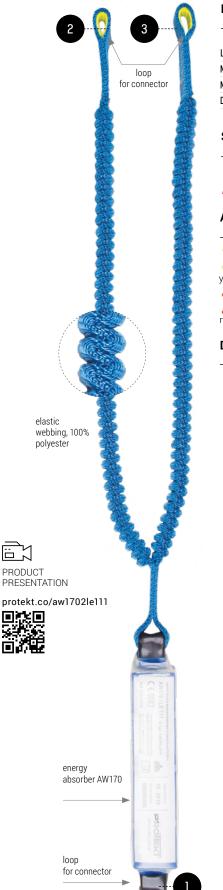


Ref. no. AW170/LE111

Energy absorber AW 170 with elastic lanyard LE 111 WITHOUT CONNECTORS

1,8 m

#### (€ **EN 355** Ref. no.: AW170/2LE111



# **PARAMETERS**

LANYARD		ENERGY ABSORBER	
Material:	polyester	Manufacture:	polyamide webbing
Manufacture:	kernmantle lanyard	Dimensions:	300x40x50 mm
Diameter:	28 mm		

# **SPECIAL FEATURES**



# to 140 Kg

# **AVAILABLE COLOUR VERSIONS**



### **DEVICE STANDARD CONFIGURATIONS**







# Ref. no. AW170/2LE111/3AZ011

Energy absorber AW 170 with elastic twin-tail lanyard 2 LE 111 and connectors 3 x AZ 011 (galvanized steel, opening 18mm)

2,0 m



# Ref. no. AW170/2LE111/AZ002/2AZ029

Energy absorber AW 170 with elastic twin-tail lanyard 2 LE 111 and connectors AZ 002, 2 x AZ 029 (galvanized steel, opening 18mm) 2 x AZ 029 (galvanized steel, plastic, opening 50mm)

2,0 m



# Ref. no. AW170/2LE111/AZ003/2AZ029

Energy absorber AW 170 with elastic twin-tail lanyard 2 LE 111 and connectors AZ 003, 2 x AZ 029, AZ 003 (aluminium, opening 20mm) 2 x AZ 029 (galvanized steel, plastic, opening 50mm)

2,0 m



# Ref. no. AW170/2LE111/AZ002/2AZ025

Energy absorber AW 170 with elastic twin-tail lanyard 2 LE 111 and connectors AZ 002, 2 x AZ 025 (galvanized steel, opening 19mm) 2 x AZ 025 (galvanized steel, opening 83mm)

2,0 m



# Ref. no. AW170/2LE111/AZ003/2AZ024

Energy absorber AW 170 with elastic twin-tail lanyard 2 LE 111 and connectors AZ 003, 2 x AZ 024, AZ 003 (aluminium, opening 20mm) 2 x AZ 024 (aluminium, opening 100mm)

2,0 m

# Ref. no. AW170/2LE111

Energy absorber AW 170 with elastic twin-tail lanyard 2 LE 111
WITHOUT CONNECTORS

1,8 m

Ref. no.: AW170/LE211FLR

 $C \in$ 

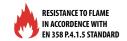


# **PARAMETERS**

LANYARD		ENERGY ABSORBER		
Material:	aramid	Manufacture:	polyamide webbing	
Manufacture:	aramid webbing	Dimensions:	300x40x50 mm	
Width	28 mm			

### **SPECIAL FEATURES**

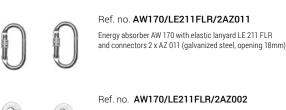




# **DEVICE STANDARD CONFIGURATIONS**

2

**10** NEW CONNECTOR AZ 029



Energy absorber AW 170 with elastic lanyard LE 211 FLR and connectors 2 x AZ 002 (galvanized steel, opening 19mm)

2,0 m

2,0 m



Ref. no. AW170/LE211FLR/2AZ003 Energy absorber AW 170 with elastic lanyard LE 211 FLR

and connectors 2 x AZ 003 (aluminium, opening 20mm)

2,0 m



Ref. no. AW170/LE211FLR/AZ002/AZ029

Energy absorber AW 170 with elastic lanyard LE 211 FLR and connectors AZ 002 (galvanized steel, opening 19mm) AZ 029 (galvanized steel, plastic, opening 50mm)

2,0 m



Ref. no. AW170/LE211FLR/AZ003/AZ029

Energy absorber AW 170 with elastic lanyard LE 211 FLR and connectors AZ 003 (aluminium, opening 20mm)
AZ 029 (galvanized steel, plastic, opening 50mm)

2,0 m



Ref. no. AW170/LE211FLR

Energy absorber AW 170 with elastic lanyard LE 211 FLR without connectors

1,8 m

OTHER DEVICE CONFIGURATIONS ON SPECIAL REQUEST

for connector

AW170/2LE211FLR

Ref. no.:

 $C \in$ 

# AW170/2LE211 FLR with elastic twin-tail lanyard

loop **PARAMETERS** for connector LANYARD **ENERGY ABSORBER** Material: aramid Manufacture: polyamide webbing 300x40x50 mm Manufacture: aramid webbing Dimensions: Diameter: 28 mm **SPECIAL FEATURES Protection up** RESISTANCE TO FLAME elastic aramid webbing IN ACCORDENCE WITH to 140 Kg EN 358 P.4.1.5 STANDARD **DEVICE STANDARD CONFIGURATIONS** NEW CONNECTOR AZ 029 Ref. AW170/2LE211FLR/3AZ011 Energy absorber AW 170 with elastic twin-tail lanyard 2LE 211 FLR and connectors 3 x AZ 011 (galvanized steel, opening 18mm) 2,0 m Ref. AW170/2LE211FLR/AZ002/2AZ029 Energy absorber AW 170 with elastic twin-tail lanyard 2LE 211 FLR 2,0 m and connectors AZ 002 (galvanized steel, opening 19mm) 2 x AZ 029 (galvanized steel, plastic, opening 50mm) Ref. AW170/2LE211FLR/AZ003/2AZ029 Energy absorber AW 170 with elastic twin-tail lanyard 2LE 211 FLR and connectors AZ 003 (galvanized steel, opening 20mm) 2 x AZ 029 (galvanized steel, plastic, opening 50mm) 2,0 m Ref. AW170/2LE211FLR/AZ002/2AZ025 energy Energy absorber AW 170 with elastic twin-tail lanyard 2LE 211 FLR absorber AW170 and connectors AZ 002 (galvanized steel, opening 19mm) 2,0 m 2 x AZ 025 (galvanized steel, opening 83mm) Ref. AW170/2LE211FLR/AZ003/2AZ024 Energy absorber AW 170 with elastic twin-tail lanyard 2LE 211 FLR 2,0 m WITHOUT CONNECTORS Ref. AW170/2LE211FLR Energy absorber AW 170 with elastic twin-tail lanyard 2LE 211 FLR WITHOUT CONNECTORS 1,8 m loop for connector OTHER DEVICE CONFIGURATIONS ON SPECIAL REQUEST

**EN 355** 

BW200/LB100



Ref. no.:

# **PARAMETERS**

# **DEVICE STANDARD CONFIGURATIONS**

**10** NEW CONNECTOR AZ 029

2,0 m

2,0 m

2,0 m

2,0 m

2,0 m

1,8 m

LANYARD		
Material:	polyester	
Manufacture:	kernmantle lanyard	
Diameter:	28 mm	
ENERGY ABSORE	BER	
Manufacture:	polyamide webbing	
Dimensions:	300x40x50 mm	

# **SPECIAL FEATURES**





VG11 11.074 for use in the vertical where fall over the edge may



for profiles of radius r 0.5mm without sharp edges

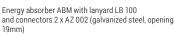




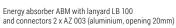
















Energy absorber ABM with lanyard LB 100 and connectors AZ 0 (galvanized steel, opening 19mm)







Energy absorber ABM with lanyard LB 100 and connectors AZ 003	
aluminium, opening 20mm)	
AZ 029 (galvanized steel, plastic, opening 50mm)	

Ref.	BW2	200	/LB10	0

Energy absorber ABM with adjustable lanyard LB 100
WITHOUT CONNECTORS

OTHER DEVICE CONFIGURATIONS ON SPECIAL REQUEST

3

#### (€ **EN 355** Ref. no.: **BW200/2LB100**



# **PARAMETERS**

# **DEVICE STANDARD CONFIGURATIONS**

NEW CONNECTOR AZ 029

2,0 m

2,0 m

2,0 m

2.0 m

2,0 m

1,8 m

Material:	polyester	
Manufacture:	kernmantle lanyard	
Diameter:	12 mm	

# **ENERGY ABSORBER**

Manufacture:	polyamide webbing
Dimensions:	200x32x45 mm

# **SPECIAL FEATURES**





VG11 11.074 for use in the vertical where fall over the edge may



**R**≥**0,5 mm** for profiles of radius r 0.5mm without sharp edges

0	2	3



# Ref. no BW200/2I B100/3A7011

Energy absorber ABM with adjustable lanyard 2 LB 100 and connectors 3 x AZ 011  $\,$ (galvanized steel, opening 18mm)



# Ref. no. BW200/2LB100/AZ002/2AZ029

Energy absorber ABM with adjustable lanyard 2 LB 100 and connectors AZ 002 (galvanized steel, opening 19mm) 2 x AZ 029 (galvanized steel, plastic, opening 50mm)



# Ref. no.BW200/2LB100/AZ003/2AZ029

Energy absorber ABM with adjustable lanyard LB 100 and connectors AZ 003 (aluminium, opening 20mm)  $2\,\text{x}\,\text{AZ}\,029$  (galvanized steel, plastic, opening 50mm)



# Ref. no. BW200/2LB100/AZ002/2AZ025

Energy absorber ABM with adjustable lanyard 2 LB 100 and connectors AZ 002 (galvanized steel, opening 19mm) 2 x AZ 025 (galvanized steel, opening 83mm)



# Ref. no. BW200/2LB100/AZ003/2AZ024

Energy absorber ABM with adjustable lanyard LB 100 and connectors AZ 003 (aluminium, opening 20mm) 2 x AZ 024 (aluminium, opening 100mm)



# nr kat. BW200/2LB100

Energy absorber ABM with adjustable safety lanyard 2 WITHOUT CONNECTORS

**EN 355** 

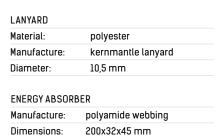
BW200/LB101



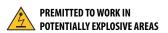


# **PARAMETERS**

Ref. no.:



# **SPECIAL FEATURES**



# **DEVICE STANDARD CONFIGURATIONS**

**10** NEW CONNECTOR AZ 029









Energy absorber ABM with lanyard LB 101 and connectors 2 x AZ 011 (galvanized steel, opening 18mm)

2,0 m





Ref. no. BW200/LB101/2AZ002

Energy absorber ABM with lanyard LB 101 and connectors 2 x AZ 002 (galvanized steel, opening 19mm)

2,0 m





Ref. no. BW200/LB101/2AZ003

Energy absorber ABM with lanyard LB 101 and connectors 2 x AZ 003 (aluminium, opening 20mm)

2,0 m





Ref. no. BW200/LB101/AZ002/AZ029

Energy absorber ABM with lanyard LB 101 and connectors AZ 002 (galvanized steel, opening 19mm) AZ 029 (galvanized steel, plastic, opening 50mm)

2,0 m





Ref. no. BW200/LB101/AZ003/AZ029

Energy absorber ABM with lanyard LB 101 and connectors AZ 003 (aluminium, opening 20mm) AZ 029 (galvanized steel, plastic, opening 50mm)

2,0 m



Ref. no. BW200/LB101

Energy absorber ABM with lanyard LB 101 WITHOUT CONNECTORS

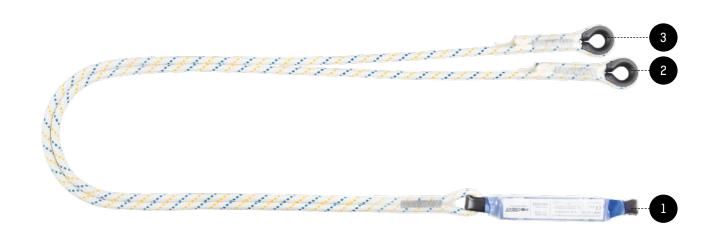
1,8 m

OTHER DEVICE CONFIGURATIONS ON SPECIAL REQUEST



3

#### (€ **EN 355** Ref. no.: **BW200/LB102**



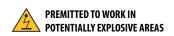
# **PARAMETERS**

LANYARD	
Material:	polyester
Manufacture:	kernmantle lanyard
Diameter:	10,5 mm

# **ENERGY ABSORBER**

Manufacture:	polyamide webbing
Dimensions:	200x32x45 mm

# **SPECIAL FEATURES**



# **DEVICE STANDARD CONFIGURATIONS**

**NEW CONNECTOR AZ 029** 



# Ref. no. BW200/LB102/3AZ011

Energy absorber ABM with lanyard LB 102 and connectors 3 x AZ 011 (galvanized steel, opening 18mm)

# Ref. no. BW200/LB102/AZ002/2AZ029

Energy absorber ABM with lanyard LB 102 and connectors AZ 002 (galvanized steel, opening 19mm) 2 x AZ 029 (galvanized steel, plastic, opening 50mm)



# Ref. no. BW200/LB102/AZ003/2AZ029

Energy absorber ABM with lanyard LB 102 and connectors AZ 003 (aluminium, opening 20mm) 2 x AZ 029 (galvanized steel, plastic, opening 50mm)



2,0 m

2,0 m



# Ref. no. BW200/LB102/AZ002/2AZ025

Energy absorber ABM with lanyard LB 102 and connectors AZ 002 (galvanized steel, opening 19mm) 2 x AZ 025 (galvanized steel, opening 83mm)

2,0 m



# Ref. no. BW200/LB102/AZ003/2AZ024

Energy absorber ABM with lanyard LB 102 and connectors AZ 003 (aluminium, opening 20mm) 2 x AZ 024 (aluminium, opening 100mm)

2,0 m

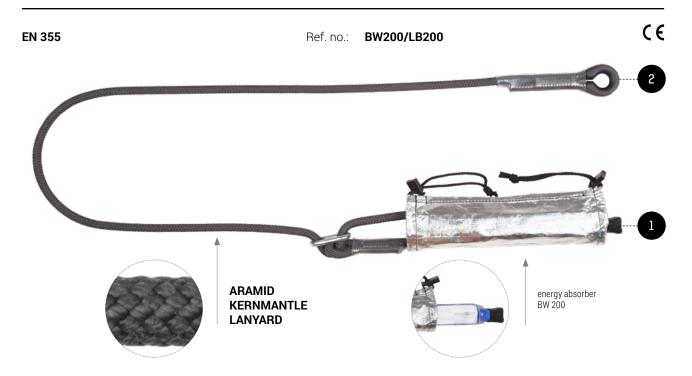
# Ref. no. BW200/LB102

Energy absorber ABM with lanyard LB 102 WITHOUT CONNECTORS

1,8 m

# ABM/LB200 FLR

# Heat-resistant energy absorber with adjustable lanyard



# **PARAMETERS**

# **DEVICE STANDARD CONFIGURATIONS**

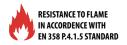
NEW CONNECTOR AZ 029

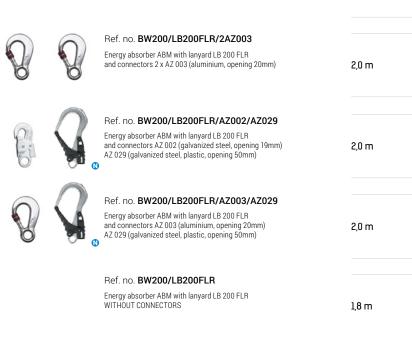
2,0 m

2,0 m

LANYARD		0	2	
Material: Manufacture:	aramid aramid kernmantle lanyard			Ref. no. BW200/LB200FLR/2AZ011
Diameter:	11,4 mm			Energy absorber ABM with lanyard LB 200 FLR and connectors 2 x AZ 002 (galvanized steel, opening 19mm)
ENERGY ABSORE	BER			
Manufacture:	polyamide webbing	Ous	Cons	Ref. no. BW200/LB200FLR/2AZ002
Dimensions:	200x32x45 mm			Energy absorber ABM with lanyard LB 200 FLR and connectors 2 x AZ 002 (galvanized steel, opening 19mn

# **SPECIAL FEATURES**









# **Heat-resistant energy absorber** with adjustable lanyard

# **DEVICE STANDARD CONFIGURATIONS**

NEW CONNECTOR AZ 029

BW 200

(€

Material: aramid

Manufacture: aramid kernmantle lanyard

Diameter: 11,4 mm

**ENERGY ABSORBER** 

Manufacture: polyamide webbing Dimensions: 200x32x45 mm



**KERNMANTLE** 

**LANYARD** 





Energy absorber ABM with lanyard LB 200 FLR and connectors 2 x AZ 011 (galvanized steel, opening 18mm)

2,0 m



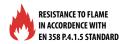


# Ref. no. BW200/LB201FLR/2AZ002

Energy absorber ABM with lanyard LB 200 FLR and connectors 2 x AZ 002 (galvanized steel, opening 19mm)

2,0 m

# **SPECIAL FEATURES**





# Ref. no. BW200/LB201FLR/2AZ003

Energy absorber ABM with lanyard LB 200 FLR and connectors 2 x AZ 003 (aluminium, opening 20mm)

2,0 m



# Ref. no. BW200/LB201FLR/AZ002/AZ029

Energy absorber ABM with lanyard LB 200 FLR and connectors AZ 003 (aluminium, opening 20mm) AZ 029 (galvanized steel, plastic, opening 50mm)

2,0 m





# Ref. no. BW200/LB201FLR/AZ003/AZ029

Energy absorber ABM with lanyard LB 200 FLR and connectors AZ 003 (aluminium, opening 20mm) AZ 029 (galvanized steel, plastic, opening 50mm)

2,0 m



# Ref. no. BW200/LB201FLR

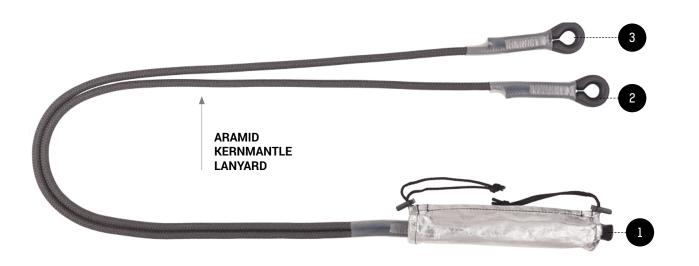
Energy absorber ABM with lanyard LB 200 FLR WITHOUT CONNECTORS

1,8 m

# ABM/LB202 FLR

# Heat-resistant energy absorber with twin-tail lanyard

 $\epsilon$ **EN 355** Ref. no.: BW200/2LB202



# **PARAMETERS**

# **DEVICE STANDARD CONFIGURATIONS**

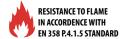
# **10** NEW CONNECTOR AZ 029

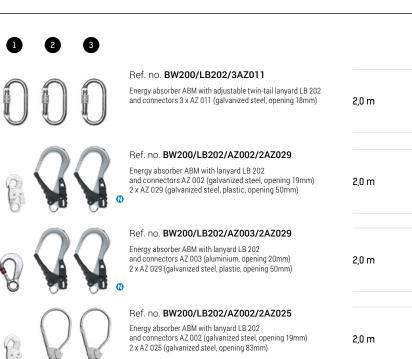
LANYARD	
Material:	aramid
Manufacture:	aramid kernmantle lanyard
Diameter:	11,4 mm

# **ENERGY ABSORBER**

Manufacture:	polyamide webbing
Dimensions:	200x32x45 mm

# **SPECIAL FEATURES**









Ref. no. BW200/LB202/AZ003/2AZ024

Energy absorber ABM with lanyard LB 202 and connectors AZ 003 (aluminium, opening 20mm) 2 x AZ 024 (aluminium, opening 100mm)

2,0 m

Ref. no. BW200/LB202

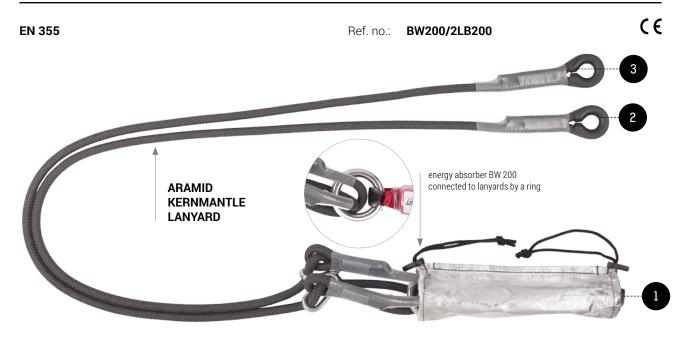
Energy absorber ABM with adjustable twin-tail lanyard LB 202 WITHOUT CONNECTORS

1,8 m

3

# ABM/2LB200 FLR

# **Heat-resistant energy absorber** with adjustable twin-tail lanyard



# **PARAMETERS**

# **DEVICE STANDARD CONFIGURATIONS**

**10** NEW CONNECTOR AZ 029

2,0 m

2,0 m

2,0 m

2,0 m

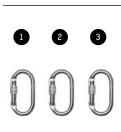
1,8 m

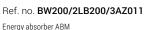
LANYARD	
Material:	aramid
Manufacture:	aramid kernmantle lanyard
Diameter:	11,4 mm

ENERGI ADSURDER			
Manufacture:	polyamide webbing		
Dimensions:	200x32x45 mm		

# **SPECIAL FEATURES**







with adjustable twin-tail lanyard 2 LB 200 and connectors 3 x AZ 011 (galvanized steel, opening 18mm)



## Ref. no. BW200/2LB200/AZ002/2AZ029

Energy absorber ABM with lanyard 2 LB 200 and connectors AZ 002 (galvanized steel, opening 19mm) 2 x AZ 029 (galvanized steel, plastic, opening 50mm)



### Ref. no. BW200/2LB200/AZ003/2AZ029

Energy absorber ABM with lanyard 2 LB 200 and connectors AZ 003 (aluminium, opening 20mm) 2 x AZ 029 (galvanized steel, plastic, opening 50mm)



# Ref. no. BW200/2LB200/AZ002/2AZ025

Energy absorber ABM with lanyard 2 LB 200 and connectors AZ 002 (galvanized steel, opening 19mm)





# Ref. no. BW200/2LB200/AZ003/2AZ024

Energy absorber ABM with lanyard 2 LB 200 and connectors AZ 003 (aluminium, opening 20mm) 2 x AZ 024 (aluminium, opening 100mm)

# Ref. no. BW200/2LB200

Energy absorber ABM with adjustable twin-tail lanyard 2 LB 200 WITHOUT CONNECTORS

### ( ( **EN 355** Ref. no.: BW200/LE111



# **PARAMETERS**

LANYARD		ENERGY ABSORBER		
Material:	polyester	Manufacture:	polyamide webbing	
Manufacture:	polyester webbing	Dimensions:	200x32x45 mm	
Diameter:	28 mm			

# **AVAILABLE COLOR VERSIONS**



# **DEVICE STANDARD CONFIGURATIONS**

**NEW CONNECTOR AZ 029** 





# Ref. no. BW200/LE111/2AZ011 Energy absorber ABM with lanyard LE 111 and connectors 2 x AZ 011 (galvanized steel, opening 18mm)

2,0 m





# Ref. no. BW200/LE111/2AZ002

Energy absorber ABM with lanyard LE 111 and connectors 2 x AZ 002 (galvanized steel, opening 19mm)

2,0 m





# Ref. no. BW200/LE111/2AZ003

v Energy absorber ABM with lanyard LE 111 and connectors 2 x AZ 003  $\,$ (aluminium, opening 20mm)

2,0 m





# Ref. no. BW200/LE111/AZ002/AZ029

Energy absorber ABM with lanyard LE 111 and connectors AZ 002 (galvanized steel, opening 19mm)
AZ 029 (galvanized steel, plastic, opening 50mm)

2,0 m





# Ref. no. BW200/LE111/AZ003/AZ029

Energy absorber ABM with lanyard LE 111 and connectors AZ 003 (aluminium, opening 20mm) AZ 029 (galvanized steel, plastic, opening 50mm)

2,0 m

# Ref. no.BW200/LE111

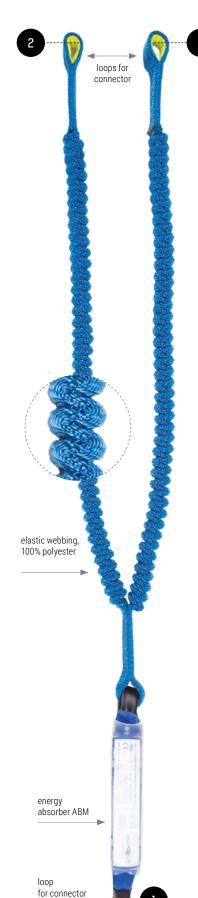
Energy absorber ABM with lanyard LE 111 WITHOUT CONNECTORS

1,8 m

**ABM/2LE111** 

3

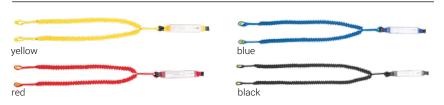
#### ( ( **EN 355** Ref. no.: BW200/2LE111



# **PARAMETERS**

LANYARD		ENERGY ABSORBER	
Material:	polyester	Manufacture:	polyamide webbing
Manufacture:	polyester webbing	Dimensions:	200x32x45 mm
Diameter:	28 mm		

# **AVAILABLE COLOUR VERSIONS**



# **DEVICE STANDARD CONFIGURATIONS**

NEW CONNECTOR AZ 029



# Ref. no.BW200/2LE111/3AZ011

Energy absorber ABM with twin-tail lanyard 2 LE 111 and connectors 3 x AZ 011 (galvanized steel, opening 18mm)

2,0 m



# Ref. no.BW200/2LE111/AZ002/2AZ029

Energy absorber ABM with twin-tail lanyard 2 LE 111 and connectors AZ 002 (galvanized steel, opening 19mm) 2 x AZ 029 (galvanized steel, plastic, opening 50mm)

2,0 m



# Ref. no.BW200/2LE111/AZ003/2AZ029

Energy absorber ABM with twin-tail lanyard 2 LE 111 and connectors AZ 003 (aluminium, opening 20mm) 2 x AZ 029 (galvanized steel, plastic, opening 50mm)

2,0 m



# Ref. no.BW200/2LE111/AZ002/2AZ025

Energy absorber ABM with twin-tail lanyard 2 LE 111 and connectors AZ 003 (aluminium, opening 20mm) 2 x AZ 024 (aluminium, opening 100mm)

2,0 m



# Ref. no. BW200/2LE111/AZ003/2AZ024

Energy absorber ABM with twin-tail lanyard 2 LE 111 and connectors AZ 003 (aluminium, opening 20mm) 2 x AZ 024 (aluminium, opening 100mm)

2,0 m

# Ref. no. BW200/2LE111

Energy absorber ABM with twin-tail lanyard 2 LE 111 WITHOUT CONNECTORS

1,8 m

EN 355 Ref. no.: BW200/LE211



# **PARAMETERS**

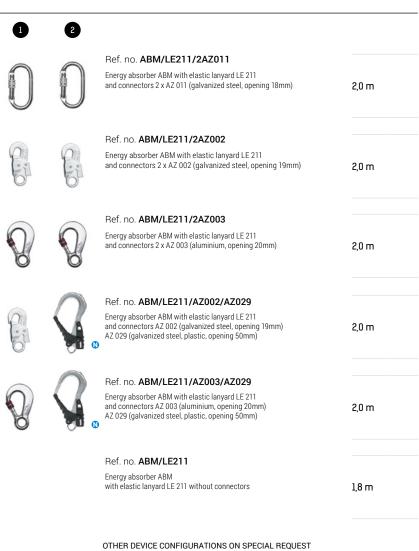
LANYARD		ENERGY ABSORBER	
Material: aramid		Manufacture:	polyamide webbing
Manufacture:	aramid webbing	Dimensions:	200x32x45 mm
Diameter:	28 mm		

# **SPECIAL FEATURES**

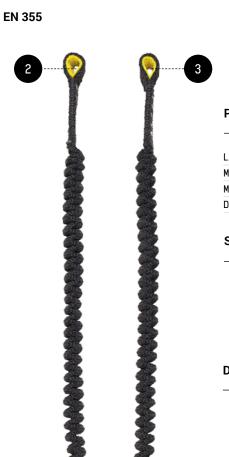


# **DEVICE STANDARD CONFIGURATIONS**

NEW CONNECTOR AZ 029



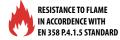
### (€ Ref. no.: **BW200/2LE211**



### **PARAMETERS**

LANYARD		ENERGY ABSORBER		
Material:	aramid	Manufacture:	polyamide webbing	
Manufacture:	aramid webbing	Dimensions:	200x32x45 mm	
Diameter:	28 mm			

# **SPECIAL FEATURES**



# **DEVICE STANDARD CONFIGURATIONS**

**NEW CONNECTOR AZ 029** 



Energy absorber ABM with elastic twin-tail lanyard 2LE 211 and connectors AZ 002, 2 x AZ 029 (galvanized steel, opening 18mm) 2 x AZ 029 (galvanized steel, plastic, opening 50mm)

2.0 m

2,0 m



Ref. no. ABM/2LE211/AZ003/2AZ029

Energy absorber ABM with elastic twin-tail lanyard 2LE 211 and connectors AZ 003, 2 x AZ 029, AZ 003 (aluminium, opening 20mm) 2 x AZ 029 (galvanized steel, plastic, opening 50mm)

2,0 m



Ref. no. ABM/2LE211/AZ002/2AZ025

Energy absorber ABM with elastic twin-tail lanyard 2LE 211 and connectors AZ 002, 2 x AZ 025 AZ 002 (galvanized steel, opening 19mm) 2 x AZ 025 (galvanized steel, opening 83mm)

2,0 m



Ref. no. ABM/2LE211/AZ003/2AZ024

Energy absorber ABM with elastic twin-tail lanyard 2LE 211 and connectors AZ 003, 2 x AZ 024 AZ 003 (aluminium, opening 20mm) 2 x AZ 024 (aluminium, opening 100mm)

2,0 m

Ref. no. ABM/2LE211

Energy absorber ABM with elastic twin-tail lanyard 2LE 211 WITHOUT CONNECTORS

1,8 m

EN 355 Ref. no.: **BW700** 



# **PARAMETERS**

WEBBING		ENERGY ABSORBER	
Manufacture:	polyester webbing	Manufacture:	polyamide webbing
Width::	30 mm	Dimensions:	200x32x45 mm

# **DEVICE STANDARD CONFIGURATIONS**

NEW CONNECTOR AZ 029

2,0 m

2,0 m

2,0 m

2,0 m

2,0 m

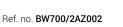
1,8 m



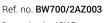




Energy absorber ABM-I with connectors 2 x AZ 011 (galvanized steel, opening 18mm)



Energy absorber ABM-T with connectors 2 x AZ 002 (galvanized steel, opening 19mm)



Energy absorber ABM-T with connectors 2 x AZ 003 (aluminium, opening 20mm)

# Ref. no. **BW700/AZ002/AZ029**

Energy absorber ABM-T with connectors AZ 002 (galvanized steel, opening 19mm) AZ 029 (galvanized steel, plastic, opening 50mm)

# Ref. no. **BW700/AZ003/AZ029**

Energy absorber ABM-T with connectors AZ 003 (aluminium, opening 20mm) AZ 029 (galvanized steel, plastic, opening 50mm)

Ref. no. <b>B</b>	W700
Community of	L A DAA T

Energy absorber ABM-T WITHOUT CONNECTORS



**EN 355** Ref. no.: **BW800 C** €



# **PARAMETERS**

# **DEVICE STANDARD CONFIGURATIONS**

NEW CONNECTOR AZ 029

WEBBING Manufacture:

: polyester webbing

Width:: 30 mm

**ENERGY ABSORBER** 

Manufacture: polyamide webbing
Dimensions: 200x32x45 mm







# Ref. no.BW800/2T/3AZ011

Energy absorber ABM-2T with connectors 3 x AZ 011 (galvanized steel, opening 18mm)

2,0 m



# Ref. no.**BW800/2T/AZ002/2AZ029**

Energy absorber ABM-2T with connectors AZ 002, 2 x AZ 029, AZ 002 (galvanized steel, opening 19mm) 2 x AZ 029 (galvanized steel, plastic, opening 50mm)

2,0 m



# QQ

# Ref. no.BW800/2T/AZ003/2AZ029

Energy absorber ABM-2T with connectors AZ 003, 2 x AZ 029, AZ 003 (aluminium, opening 20mm) 2 x AZ 029 (galvanized steel, plastic, opening 50mm)

2,0 m





# Ref. no.**BW800/2T/AZ002/2AZ025**

Energy absorber ABM-2T with connectors ABM-2T AZ 002 (galvanized steel, opening 19mm) 2 x AZ 025 (galvanized steel, opening 83mm)

2,0 m



# Ref. no.BW800/2T/AZ003/2AZ024

Energy absorber ABM-2T AZ 003 (aluminium, opening 20mm) 2 x AZ 024 (aluminium, opening 100mm)

2,0 m



Energy absorber ABM-2T WITHOUT CONNECTORS

1.8 m

EN 355

Ref. no.: BW200/LB100HV (€

Account of the control of the contro		polyester kernmantle lanyard 28 mm	ENERGY ABSORBER  Manufacture: polyamid  Dimensions: 200x32x4	e webbing 5 mm
HANDEN PROMINE	HV ORANGE		HV YELLOW/GREEN	
	DEVICE STANI	OARD CONFIGURATION	NS ® NEW	CONNECTOR
	0			
		Ref. no. <b>BW200/LB1</b> Energy absorber with lany and connectors 2 x AZ 011		2,0 m
43		Ref. no. <b>BW200/LB1</b>	00HV/2AZ002	
legg.		Energy absorber ABM wit and connectors 2 x AZ 00	h lanyard LB 100 HV 2 (galvanized steel, opening 19mm)	2,0 m
· ·		Ref. no. <b>BW200/LB1</b>	00HV/2AZ003	
e de la companya de l	8	Energy absorber ABM with and connectors 2 x AZ 003	l lanyard LB 100 HV 8 (aluminium, opening 20mm)	2,0 m
		Ref. no. <b>BW200/LB1</b>	00HV/AZ002/AZ029	
**************************************		Energy absorber ABM with and connectors AZ 002 (g AZ 029 (galvanized steel, p	alvanized steel, opening 19mm)	2,0 m
14		Ref. no. <b>BW200/LB1</b>	00HV/AZ003/AZ029	
	8	Energy absorber ABM with and connectors AZ 003 (al AZ 029 (galvanized steel, p	uminium, opening 20mm)	2,0 m
		Ref. no. <b>BW200/LB1</b>	00HV	
A SHE SHE A		Energy absorber ABM with WITHOUT CONNECTORS		1,8 m

3

( ( **EN 355** Ref. no.: BW200/LB101HV



BW200/LB102HV

Ref. no.:



**EN 355** 

protekt.co/abmlb102hv



# **DEVICE STANDARD CONFIGURATIONS**

**NEW CONNECTOR AZ 029** 

1	2	3



# Ref. no. BW200/LB102HV/3AZ011

Energy absorber ABM with twin-tail lanyard LB 102 HV and connectors 3 x AZ 011 (galvanized steel, opening 18mm)

2,0 m



# Ref. no. BW200/LB102HV/AZ002/2AZ029

Energy absorber ABM with twin-tail lanyard LB 102 HV and connectors AZ 002, 2 x AZ 029, AZ 002 (galvanized steel, opening 19mm) 2 x AZ 029 (galvanized steel, plastic, opening 50mm)

2,0 m

# **PARAMETERS**

LANYARD	
Material:	polyester
Manufacture:	kernmantle lanyard
Diameter:	10,5 mm

# **ENERGY ABSORBER**

Manufacture:	polyamide webbing
Dimensions:	200x32x45 mm

# Ref. no. BW200/LB102HV/AZ003/2AZ029

Energy absorber ABM with twin-tail lanyard LB 102 HV and connectors AZ 003, 2 x AZ 029, AZ 003 (aluminium, opening 20mm) 2 x AZ 029 (galvanized steel, plastic, opening 50mm)

2,0 m



# Ref. no. BW200/LB102HV/AZ002/2AZ025

Energy absorber ABM with twin-tail lanyard LB 102 HV and connectors AZ 002 (galvanized steel, opening 19mm) 2 x AZ 025 (galvanized steel, opening 83mm)

2,0 m



# Ref. no. BW200/LB102HV/AZ003/2AZ024

Amortyzator bezpieczeństwa ABM z podwójną linką bezpieczeństwa LB 102 HV z zatrzaśnikami AZ 003 (aluminium, otwarcie 20 mm) 2 x AZ 024 (aluminium, otwarcie 100 mm)

2,0 m

### **COLOUR VERSIONS**



# Ref. no. BW200/LB102HV

Energy absorber ABM with twin-tail lanyard LB 102 HV WITHOUT CONNECTORS

1,8 m

OTHER DEVICE CONFIGURATIONS ON SPECIAL REQUEST

3

**EN 355** 

**BW700 HV** 

Ref. no.:

( (

# **PARAMETERS** WEBBING **ENERGY ABSORBER** Material: Manufacture: polyamide webbing polyester Dimensions: 200x32x45 mm Width: 30 mm **AVAILABLE COLOUR VERSIONS** HV ORANGE HV YELLOW/GREEN **DEVICE STANDARD CONFIGURATIONS** NEW CONNECTOR AZ 029 2 Ref. no. BW700/2AZ011 HV Energy absorber ABM-T HV with connectors 2 x AZ 011 (galvanized steel, opening 18mm) 2,0 m Ref. no. BW700/2AZ002 HV Energy absorber ABM-T HV with connectors 2 x AZ 002 2,0 m (galvanized steel, opening 19mm) Ref. no. BW700/2AZ003 HV Energy absorber ABM-T HV with connectors 2 x AZ 003 2,0 m (aluminium, opening 20mm) Ref. no. BW700/AZ002/AZ029 HV Energy absorber ABM-T HV with connectors AZ 002 (galvanized steel, opening 19mm) AZ 029 (galvanized steel, plastic, opening 50mm) 2,0 m Ref. no. BW700/AZ003/AZ029 HV Energy absorber ABM-T HV with connectors AZ 003 (aluminium, opening 20mm) AZ 029 (galvanized steel, plastic, opening 50mm) 2,0 m Ref. no. BW700 HV

1,8 m

Energy absorber ABM-T HV WITHOUT CONNECTORS





# **PARAMETERS**

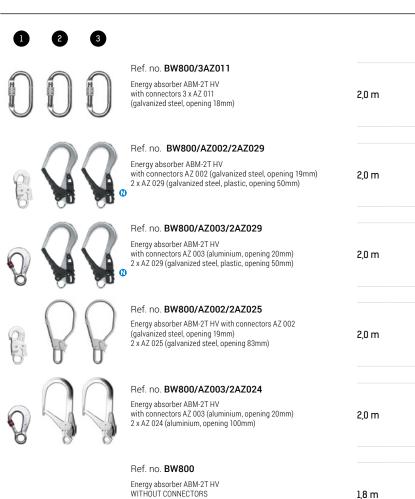
# **DEVICE STANDARD CONFIGURATIONS**

**NEW CONNECTOR AZ 029** 

Material:	polyester
Width:	30 mm
ENERGY AE	SSORBER
ENERGY AE Manufactu	

# **COLOUR VERSIONS**







EN 355 Ref. no.: BW 200



# **PARAMETERS**

Manufacture:	polyamide webbing
Dimensions:	200x32x45 mm
Weight:	160 g

# **SPECIAL FEATURES**



# **DEVICE STANDARD CONFIGURATIONS**

NEW CONNECTOR AZ 029





# Ref. no. BW200/AZ011

Energy absorber ABM with connector AZ 011 (galvanized steel, opening 18mm)



# Ref. no. **BW200/AZ002**

Energy absorber ABM with connector AZ 002 (galvanized steel, opening 19mm)



# Ref. no. **BW200/AZ003**

Energy absorber ABM with connector AZ 003 (aluminium, opening 20mm)





# nr kat. BW200/AZ029

Energy absorber ABM with connector AZ 029 (galvanized steel, plastic, opening 50mm)

nr kat. **BW200** 

Energy absorber ABM WITHOUT CONNECTORS

(€ **EN 355** Ref. no.: **BW210** 



# **PARAMETERS**

LANYARD		ENERGY ABSOR	ENERGY ABSORBER	
Material:	polyester	Manufacture:	polyamide webbing	
Manufacture:	kernmantle lanyard			
Diameter:	10,5 mm			

# **SPECIAL FEATURES**



PREMITTED TO WORK IN POTENTIALLY EXPLOSIVE AREAS

# 0 NEW CONNECTOR AZ 029

# **DEVICE STANDARD CONFIGURATIONS**







Z	0,9 m	
	1,5 m	





0,9 m
1,5 m





Ref. no. BW210/AZ003/AZ029

Energy absorber BW 210 with connectors AZ 003 (aluminium, opening 20mm)
AZ 029 (galvanized steel, plastic, opening 50mm)

0,9 m
1,5 m

**EN 355** Ref. no.: **BW220 C €** 







# **PARAMETERS**

LANYARD ENER		ENERGY ABSOR	BER
Material:	polyester	Manufacture:	polyamide webbing
Manufacture:	kernmantle lanyard		
Diameter:	10,5 mm		

# **SPECIAL FEATURES**



PREMITTED TO WORK IN POTENTIALLY EXPLOSIVE AREAS

NEW CONNECTOR AZ 029

# **DEVICE STANDARD CONFIGURATIONS**









# Ref. no. BW220/AZ011/2AZ002

Energy absorber BW 220 with connectors AZ 011 (galvanized steel, opening 18mm) 2 x AZ 002 (galvanized steel, opening 19mm)

# Ref. no. BW220/AZ011/2AZ029

Energy absorber BW 220 with connectors AZ 011 (galvanized steel, opening 18mm) 2 x AZ 029 (galvanized steel, plastic, opening 50mm)



# Ref. no. BW220/AZ003/2AZ029

Energy absorber BW 220 with connectors AZ 003 0,9 m (aluminium, opening 20mm) 2 x AZ 029 (galvanized steel, plastic, opening 50mm) 1,5 m

EN 355 Ref. no.: BW230



# **PARAMETERS**

WEBBING		ENER	ENERGY ABSORBER		
Material:	polyester	Manu	facture:	polyamide webbing	
Width:	32 mm				

# **SPECIAL FEATURES**



PREMITTED TO WORK IN
POTENTIALLY EXPLOSIVE AREAS

# **DEVICE STANDARD CONFIGURATIONS**







# Ref. no. **BW230/AZ011/AZ002**

Energy absorber BW 230 with connectors AZ 011 (galvanized steel, opening 18mm) AZ 002 (galvanized steel, opening 19mm)

7	0,9 m		
	1,5 m		





# Ref. no. BW230/AZ011/AZ029

Energy absorber BW 230 with connectors AZ 011 (galvanized steel, opening 18mm)
AZ 029 (galvanized steel, plastic, opening 50mm)

ΑZ	0,9 m	
	1,5 m	
Z	0,9 m	
	1,5 m	





Ref. no. **BW230/AZ003/AZ029** 

Energy absorber BW 230 with connectors AZ 003 (aluminium, opening 20mm)
AZ 029 (galvanized steel, plastic, opening 50mm)

( ( **EN 355** Ref. no.: **BW240** 



# **PARAMETERS**

WEBBING		ENERGY ABSORBER		
Material:	polyester	Manufacture:	polyamide webbing	
Width:	32 mm			

# **SPECIAL FEATURES**



PREMITTED TO WORK IN POTENTIALLY EXPLOSIVE AREAS

# 0 NEW CONNECTOR AZ 029

# **DEVICE STANDARD CONFIGURATIONS**









# Ref. no. BW240/AZ011/2AZ002

Energy absorber BW 240 with connectors AZ 011 (galvanized steel, opening 18mm) 2 x AZ 002 (galvanized steel, opening 19mm)

0,9 m 1,5 m



# Ref. no. BW240/AZ011/2AZ029

Energy absorber BW 240 with connectors AZ 011 0,9 m (galvanized steel, opening 18mm) 2 x AZ 029 (galvanized steel, plastic, opening **№** 50mm)

1,5 m



# Ref. no. BW240/AZ003/2AZ029

Energy absorber BW 240 with connectors AZ 003 0,9 m (aluminium, opening 20mm) 2 x AZ 029 (galvanized steel, plastic, opening

1,5 m

**EN 355** Ref. no.: **BW250 C €** 



# **PARAMETERS**

WEBBING		ENERGY ABSORBER	
Material:	polyester	Manufacture:	polyamide webbing
Width:	40 mm		

### **SPECIAL FEATURES**



PREMITTED TO WORK IN POTENTIALLY EXPLOSIVE AREAS

# NEW CONNECTOR AZ 029

0

# **DEVICE STANDARD CONFIGURATIONS**







# Ref. no. **BW250/AZ011/AZ002**

Energy absorber BW 250 with connectors AZ 011 (galvanized steel, opening 18mm) AZ 002 (galvanized steel, opening 19mm)

0,9 m -------1,5 m



# Ref. no. BW250/AZ011/AZ029

Energy absorber BW 250 with connectors AZ 011 (galvanized steel, opening 18mm) AZ 029 (galvanized steel, plastic, opening 50mm)

1,5 m





# Ref. no. BW250/AZ003/AZ029

Energy absorber BW 250 with connectors AZ 003 (aluminium, opening 20mm)
AZ 029 (galvanized steel, plastic, opening 50mm)

1,5 m

ON SPECIAL REQUEST OTHER LENGTHS BETWEEN 0.5 AND 1.5 M ARE AVAILABLE

EN 355 Ref. no.: BW260



# **PARAMETERS**

WEBBING		ENERGY ABSORBER		
Material:	polyester	Man	ufacture:	polyamide webbing
Width:	40 mm			

### **SPECIAL FEATURES**



PREMITTED TO WORK IN

POTENTIALLY EXPLOSIVE AREAS

NEW CONNECTOR AZ 029

# **DEVICE STANDARD CONFIGURATIONS**









# Ref. no. **BW260/AZ011/2AZ002**

Energy absorber BW 260 with connectors AZ 011 (galvanized steel, opening 18mm) 2 x AZ 002 (galvanized steel, opening 19mm)

0,9 m

0,9 m

1,5 m



# Ref. no. BW260/AZ011/2AZ029

Energy absorber BW 260 with connectors AZ 011 (galvanized steel, opening 18mm) 2 x AZ 029 (galvanized steel, plastic, opening \$\mathbf{0}\$ 50mm)

1,5 m

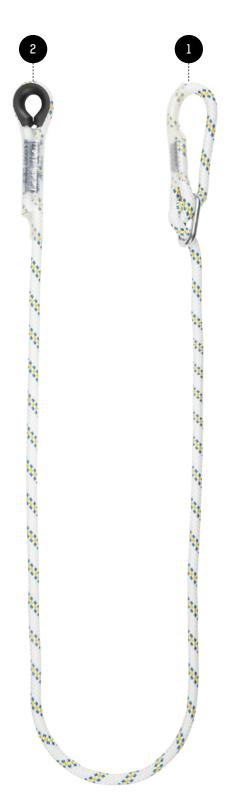


### Ref. no. **BW260/AZ003/2AZ029**

Energy absorber BW 260 with connectors AZ 003 (aluminium, opening 20mm) 2 x AZ 029 (galvanized steel, plastic, opening 50mm) 1,5 m

0,9 m 1,5 m

ON SPECIAL REQUEST OTHER LENGTHS BETWEEN 0.5 AND 1.5 M ARE AVAILABLE



# **PARAMETERS**

Material:	polyester
Manufacture:	kernmantle lanyard
Diameter:	12 mm

# **SPECIAL FEATURES**



PREMITTED TO WORK IN POTENTIALLY EXPLOSIVE AREAS

# **DEVICE STANDARD CONFIGURATIONS**

0 NEW CONNECTOR AZ 029













1,4 m

1,4 m

1,6 m

1,9 m 2,0 m

1,4 m

1,6 m 1,9 m

2,0 m

1,4 m

1,9 m













(aluminium, opening 20mm)



	1,4 m
Adjustable lanyard LB 100 with connectors A: 100 (galvanized steel, opening 18mm)	1,6 m
AZ 029 (galvanized steel, plastic, opening	1,9 m
50mm)	2,0 m



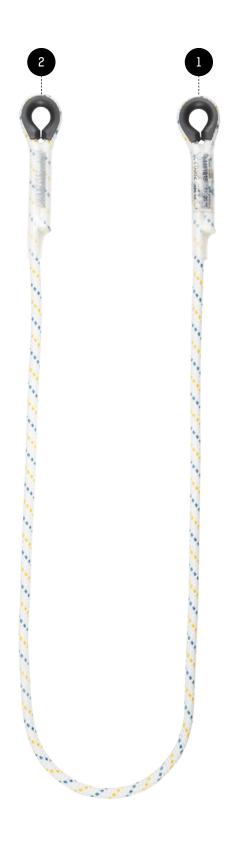


Johnny	2,0 m
Ref. no. <b>LB100</b>	1,4 m
Adjustable lanyard LB 100 WITHOUT CONNECTORS	1,6 m
	1,9 m
	2,0 m

OTHER DEVICE CONFIGURATIONS ON SPECIAL REQUEST

3

( ( EN 354, EN 358 Ref. no.: LB 101



# **PARAMETERS**

Material:	polyester
Manufacture:	kernmantle lanyard
Diameter:	10,5 mm

# **SPECIAL FEATURES**



PREMITTED TO WORK IN POTENTIALLY EXPLOSIVE AREAS

# **DEVICE STANDARD CONFIGURATIONS**

NEW CONNECTOR AZ 029







Ref. no. **B101/2AZ011** 

Lanyard LB 101 with connectors 2 x AZ 011 (galvanized steel, opening 18mm)

1,9 m 2,0 m

1,4 m

1,6 m





Ref. no. **LB101/2AZ002** 

Lanyard LB 101 with connectors 2 x AZ 002 (galvanized steel, opening 19mm)

1,4 m 1,6 m 1,9 m

2,0 m





Ref. no. LB101/2AZ003

Lanyard LB 101 with connectors 2 x AZ 003 (aluminium, opening 20mm)

1,4 m 1,6 m 1,9 m 2,0 m





nr kat. LB101/AZ002/AZ029

Lanyard LB 101 with connectors AZ 002 (galvanized steel, opening 18mm)
AZ 029 (galvanized steel, plastic, opening

1,9 m 2,0 m

1,4 m

1,6 m

1,4 m

1,6 m 1,9 m 2,0 m





Ref. no. LB101/AZ003/AZ029

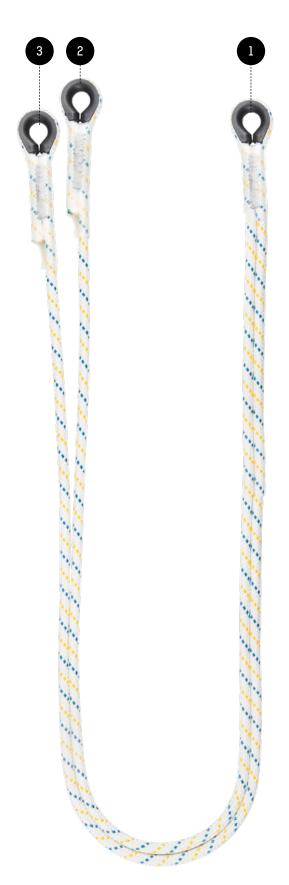
Lanyard LB 101 with connectors AZ 003 (aluminium, opening 20mm)
AZ 029 (galvanized steel, plastic, opening 50mm)

Ref. no. **LB101** Lanyard LB 101 WITHOUT CONNECTORS

1,4 m 1,6 m 1,9 m 2,0 m

3

( ( **EN 354** Ref. no.: LB 102



# **PARAMETERS**

Material:	polyester
Manufacture:	kernmantle lanyard
Diameter:	10,5 mm

# **SPECIAL FEATURES**



# **DEVICE STANDARD CONFIGURATIONS**

0 NEW CONNECTOR AZ 029









Ref. no. LB102/3AZ011

Twin-tail lanyard LB 102 with connectors 3 x AZ 011 (galvanized steel, opening 18mm)

1,9+1,9 m 2,0+2,0 m 1,4+1,4 m

1,6+1,6 m

1,4+1,4 m

1,6+1,6 m



Ref. no. LB102/AZ002/2AZ029

Twin-tail lanyard LB 102 with connectors AZ 002 (galvanized steel, opening 19mm) 2 x AZ 029 (galvanized steel, plastic, opening 50mm)

1,9+1,9 m 2,0+2,0 m



Ref. no. LB102/AZ003/2AZ029

Twin-tail lanyard LB 102 with connectors AZ 003 (aluminium, opening 20mm) 2 x AZ 029 (galvanized steel, plastic, opening 1,9+1,9 m

1,4+1,4 m 1,6+1,6 m 2,0+2,0 m



Ref. no. LB102/AZ002/2AZ025

Twin-tail lanyard LB 102 with connectors AZ 002 (galvanized steel, opening 19mm) 2 x AZ 025 (galvanized steel, opening 83mm)

1,4+1,4 m 1,6+1,6 m 1,9+1,9 m 2,0+2,0 m

1,4+1,4 m



Ref. no. LB102/AZ003/2AZ024

Twin-tail lanyard LB 102 with connectors AZ 003 (aluminium, opening 20mm) 2 x AZ 024 (aluminium, opening 100mm)

1,6+1,6 m 1,9+1,9 m 2,0+2,0 m 1,4+1,4 m 1,6+1,6 m 1,9+1,9 m

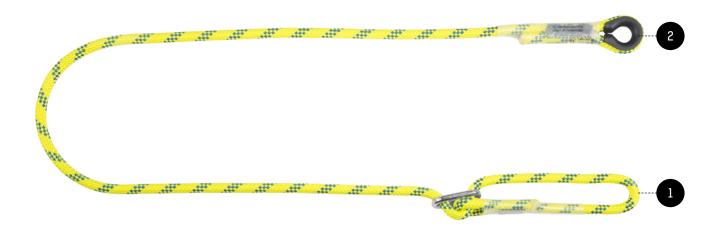
2,0+2,0 m

OTHER DEVICE CONFIGURATIONS ON SPECIAL REQUEST

Twin-tail lanyard LB 102

WITHOUT CONNECTORS

( ( Ref. no.: **LB 100 HV** 



# **PARAMETERS**

### polyester Material: Manufacture: kernmantle lanyard Diameter:

# **SPECIAL FEATURES**

4	PREMITTED TO WORK IN
	POTENTIALLY EXPLOSIVE AREAS

# **COLOUR VERSIONS**

	HV YELLOW/GREEN
	HV ORANGE

# **DEVICE STANDARD CONFIGURATIONS**

NEW CONNECTOR AZ 029







# Ref. no. LB100HV/2AZ011

Adjustable lanyard LB 100 HV with connectors 2 x AZ 011 (galvanized steel, opening 18mm)

1.4 m 1,6 m 1,9 m 2,0 m

1,4 m

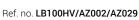
1,6 m

1,9 m

2,0 m







Adjustable lanyard LB 100 HV with connectors AZ 002 (galvanized steel, opening 19mm) AZ 029 (galvanized steel, plastic, opening







# Ref. no. LB100HV/2AZ002

Adjustable lanyard LB 100 HV with connectors 2 x AZ 002 (galvanized steel, opening 19mm)





# Ref. no. LB100HV/AZ003/AZ029

Adjustable lanyard LB 100 HV with connectors AZ 003 (aluminium, opening 20mm) AZ 029 (galvanized steel, plastic, opening







# Ref. no. LB100HV/2AZ003

Adjustable lanyard LB 100 HV with connectors 2 x AZ 003 (aluminium, opening 20mm)

1,4 m 1,6 m 1,9 m 2,0 m



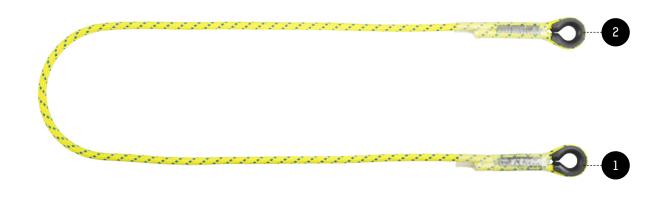
Adjustable lanyard LB 100 HV WITHOUT CONNECTORS

1,4 m	
1,6 m	
1,9 m	
2,0 m	

( (

EN 354, EN 358

Ref. no.: **LB 101 HV** 



# **PARAMETERS**

Material:	polyester
Manufacture:	kernmantle lanyard
Diameter:	12 mm

# **SPECIAL FEATURES**

1,4 m

1,6 m

1,9 m

2,0 m

1,4 m

1,6 m

1,9 m

2,0 m

	PREMITTED TO WORK IN
17	PREMITTED TO WORK IN POTENTIALLY EXPLOSIVE AREAS

# **COLOUR VERSIONS**

HV YELLOW/GREEN

HV ORANGE

# **DEVICE STANDARD CONFIGURATIONS**

**10** NEW CONNECTOR AZ 029



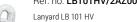




# Ref. no. LB101HV/2AZ011

Lanyard LB 101 HV with connectors 2 x AZ 011 (galvanized steel, opening 18mm)

1,6 m 1,9 m 2,0 m Ref. no. **LB101HV/2AZ002** 1,4 m



with connectors 2 x AZ 002 (galvanized steel, opening 19mm)



Lanyard LB 101 HV with connectors 2 x AZ 003 (aluminium, opening 20mm)









Lanyard LB 101 HV with connectors AZ 002 (galvanized steel, opening 18mm) AZ 029 (galvanized steel, plastic, opening 50mm)

# Ref. no. LB101HV/AZ003/AZ029

Lanyard LB 101 HV with connectors AZ 003 (aluminium, opening 20mm) AZ 029 (galvanized steel, plastic, opening

# Ref. no. LB101HV

Lanyard LB 101 HV WITHOUT CONNECTORS

,	
1,6 m	
1,9 m	
2,0 m	

14 m

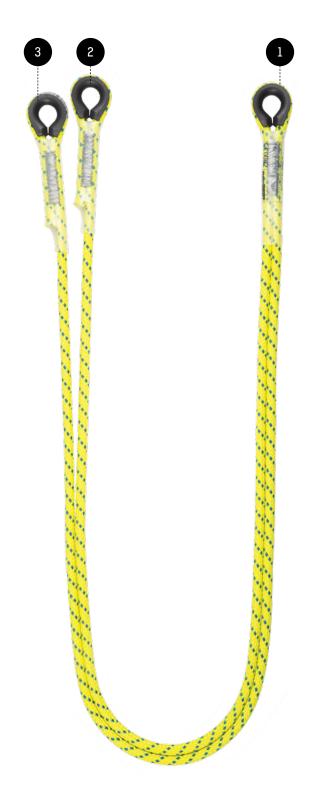




1,4 m 1,6 m 1,9 m 2,0 m



EN 354 Ref. no.: LB 102 HV



### **PARAMETERS**

Material:	polyester
Manufacture:	kernmantle lanyard
Diameter:	10,5 mm

# **SPECIAL FEATURES**

# **COLOUR VERSIONS**



# **DEVICE STANDARD CONFIGURATIONS**

NEW CONNECTOR AZ 029





Ref. no. **LB102HV/3AZ011** Twin-tail lanyard LB 102 HV with connectors 3 x AZ 011 (galvanized steel, opening 18mm) 1,4+1,4 m 1,6+1,6 m 1,9+1,9 m 2,0+2,0 m

1,4+1,4 m

1,4+1,4 m

1,6+1,6 m

1,9+1,9 m 2,0+2,0 m



Ref. no. LB102HV/AZ002/2AZ029  $\overline{1,4+1,4}$  m

Twin-tail lanyard LB 102 HV with connectors 1,6+1,6 m
AZ 002 (galvanized steel, opening 19mm)
2 x AZ 029 (galvanized steel, plastic, opening 1,9+1,9 m
5,00+2,0 m



Ref. no. LB102HV/AZ003/2AZ029 1,4+1,4 m

Twin-tail lanyard LB 102 HV with connectors AZ 003 (aluminium, opening 20mm)
2 x AZ 029 (galvanized steel, plastic, opening 50mm)
1,9+1,9 m
2,0+2,0 m



Ref. no. LB102HV/AZ002/2AZ025

Twin-tail lanyard LB 102 HV with connectors AZ 002 (galvanized steel, opening 19mm) 2 x AZ 025 (galvanized steel, opening 83mm) 1,9+1,9 m 2,0+2,0 m



Ref. no. LB102HV/AZ003/2AZ024 1,4+1,4 m

Twin-tail lanyard LB 102 HV with connectors AZ 003 (aluminium, opening 20mm) 1,9+1,9 m 2,0+2,0 m

Ref. no. **LB102HV**Twin-tail lanyard LB 102 HV
WITHOUT CONNECTORS



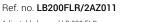
# **PARAMETERS**

# **DEVICE STANDARD CONFIGURATIONS**

# **10** NEW CONNECTOR AZ 029

Material:	aramid
Manufacture:	aramid kernmantle lanyard
Diameter:	11,4 mm





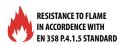




# **SPECIAL FEATURES**



PREMITTED TO WORK IN **POTENTIALLY EXPLOSIVE AREAS** 







# Ref. no. LB200FLR/2AZ002

Adjustable lanyard LB 200 FLR with connectors 2 x AZ 002 (galvanized steel, opening 19mm)

1,4 m	
1,6 m	
1,9 m	
2,0 m	





# Ref. no. LB200FLR/2AZ003

Adjustable lanyard LB 200 FLR with connectors 2 x AZ 003 (aluminium, opening 20mm)

1,4 m	
1,6 m	
1,9 m	
2,0 m	





# Ref. no. LB200FLR/AZ002/AZ029

Adjustable lanyard LB 200 FLR with connectors AZ 002 (galvanized steel, opening 19mm) AZ 029 (galvanized steel, plastic, opening 50mm)







# Ref. no. LB200FLR/AZ003/AZ029

Adjustable lanyard LB 200 FLR with connectors AZ 003 (aluminium, opening 20mm) AZ 029 (galvanized steel, plastic, opening 50mm)

# 1,6 m 1,9 m 2,0 m

1,4 m

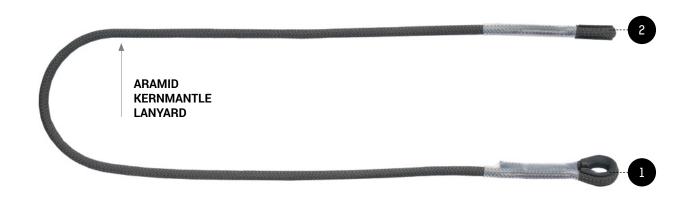
# Ref. no. LB200FLR

Adjustable lanyard LB 200 FLR WITHOUT CONNECTORS

14 m 1,6 m 1,9 m 2,0 m

3

( ( EN 354, EN 358 Ref. no.: **LB 201 FLR** 



# **PARAMETERS**

Material:	aramid
Manufacture:	aramid kernmantle lanyard
Diameter:	11.4 mm

# **SPECIAL FEATURES**



PREMITTED TO WORK IN POTENTIALLY EXPLOSIVE AREAS



# **DEVICE STANDARD CONFIGURATIONS**



**NEW CONNECTOR AZ 029** 

1.4 m

1,6 m 1,9 m

2,0 m

1,4 m

1,6 m 1,9 m

2,0 m

1,4 m

16 m

1,9 m 2,0 m

1,4 m

1,6 m

1,9 m 2,0 m

1,4 m

1,6 m

1,9 m

2,0 m

1,4 m 1,6 m 1,9 m 2,0 m





2



















Ref. no. LB201FLR/AZ003/AZ029 Adjustable lanyard LB 201 FLR with connectors AZ 003 (aluminium, opening 20mm) AZ 029 (galvanized steel, plastic, opening 50mm)

Ref. no. <b>LB201FLR</b>	
Adjustable lanyard LB 201 FLR WITHOUT CONNECTORS	

**LB 202 FLR** 

# **PARAMETERS**

ARAMID

**LANYARD** 

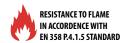
**KERNMANTLE** 

Ref. no.:

Material:	aramid
Manufacture:	aramid kernmantle lanyard
Diameter:	11,4 mm

# **SPECIAL FEATURES**





# **DEVICE STANDARD CONFIGURATIONS**

NEW CONNECTOR AZ 029





Ref. no. LB202FLR/3AZ011 Twin-tail lanyard LB 202 FLR with connectors 3 x 1,6+1,6 m AZ 011 (galvanized steel, opening 18mm)

1,4+1,4 m 1,9+1,9 m 2,0+2,0 m



Ref. no. **LB202FLR/AZ002/2AZ029** 1,4+1,4 m

Twin-tail lanyard LB 202 FLR with connectors AZ 002 (galvanized steel, opening 19mm) 2 x AZ 029 (galvanized steel, plastic, opening

1,9+1,9 m 2,0+2,0 m



Ref. no. **LB202FLR/AZ003/2AZ029** 1,4+1,4 m

Twin-tail lanyard LB 202 FLR with connectors 1,6+1,6 m AZ 003 (aluminium, opening 20mm)
2 x AZ 029 (galvanized steel, plastic, opening 1,9+1,9 m (0) 50mm)

2,0+2,0 m



Ref. no. LB202FLR/AZ002/2AZ025 1,4+1,4 m

Twin-tail lanyard LB 202 FLR with connectors AZ 1,6+1,6 m 002 (galvanized steel, opening 18mm) 2 x AZ 025 (galvanized steel, opening 83mm)

1,9+1,9 m 2,0+2,0 m



Ref. no. LB202FLR/AZ003/2AZ024 1,4+1,4 m

Twin-tail lanyard LB 202 FLR with connectors 1,6+1,6 m AZ 003 (aluminium, opening 20mm) 2 x AZ 024 (aluminium, opening 100mm)

1,9+1,9 m 2,0+2,0 m 1,4+1,4 m 1,6+1,6 m

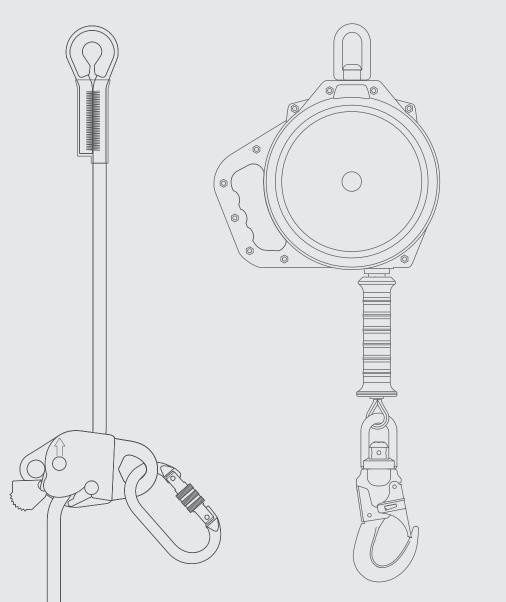
Ref. no. LB202FLR

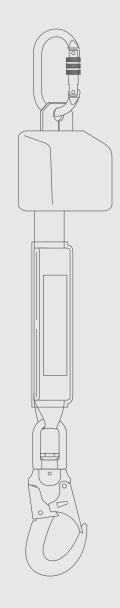
Twin-tail lanyard LB 202 FLR WITHOUT CONNECTORS

1,9+1,9 m 2,0+2,0 m









# Retractable type and guided type fall arresters

Retractable type fall arresters	4 - <b>2</b>
Guards for retractable type fall arresters	4 <b>- 17</b>
Roof lanyard	4 - 18
Guided type fall arresters	4 - 19





**PARAMETERS** 

Working length: max. 2250 mm Dimensions: 96 x 98 x 320 mm Weight: 1180 g

Retractable type fall arrester AH 210 with expandable textile webbing in a new, strong ABS cover with connectors AZ 011 and AZ 002AS. Locking mechanism inside the impact-resistant cover. The device is intended for works requiring mobility in respect to attachment point. Energy absorber is not required.

The ROLEX 1 retractor is a component of personal fall protection equipment.

REF. NO.:

AH 210

Tested for maximum A For user's weight 140 kg

vertical use



# **ROLEX 2**

# Webbing retractor



**PRODUCT** PRESENTATION protekt.co/rolex

(€

(€

# **PARAMETERS**

Working length:	max. 2250 mm	
Dimensions:	96 x 98 x 320 mm	
Weight:	1500 g	

Retractable type fall arrester AH 220 with expandable textile webbing in a new, strong ABS cover with connectors AZ 022 and AZ 002AS. Locking mechanism inside the impact-resistant cover. The device is intended for works requiring mobility in respect to attachment point. Energy absorber is not required. Maximum user's weight is 140 kg.

The ROLEX 2 retractor is a component of personal fall protection equipment.

# **SPECIAL FEATURES**



Tested for maximum 
 For user's weight 140 kg 👃 vertical use





Protection of

REF. NO.:

AH 220

**EN 360** 

Ref. no.: AH 220S



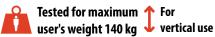
### **PARAMETERS**

max. 2250 mm	
96 x 98 x 320 mm	
1680 g	
	96 x 98 x 320 mm

The ROLEX 3 retractor is a component of personal fall protection equipment.

Retractable type fall arrester AH 220S with expandable textile webbing in a new, strong ABS cover with connectors AZ 022S and AZ 002AS. Locking mechanism inside the impact-resistant cover. The device is intended for works requiring mobility in respect to attachment point. Energy absorber is not required. Maximum user's weight is 140 kg

# **SPECIAL FEATURES**





$\cap$	<b>Protection of</b>
25	1 PERSON

**AH220S** 

REF. NO.:

EN 360 Ref. no.: CR 210



Retractable type fall arrester CR 210 in steel cover with expandable galvanized steel 4 mm cable. The device is intended for works requiring significant mobility in respect to attachment point. Energy absorber is not required..

Retractable type fall arrester CR 210 is a component of personal fall protection equipment.

# ECIAL FEATURES PARAMETEI

Tested for maximum for user's weight 140 kg		PARAMETERS	
		Cable diameter:	4 mm
	iser's weight 140 kg 💗 vertical use	Maximum user's weight::	140 kg
4	On request, the device is available with the permission to work in potentially explosive areas	Protection of 1 PERSON	
REF. NO.:		CABLE LENGTH	WEIGHT
CR 210 06		6 m	5,30 kg
CR 210 10		10 m	5,50 kg
CR 210 12		12 m	6,20 kg
CR 210 15		15 m	6.50 kg

**EN 360** 

PRESENTATION
protekt.co/cr300

PRODUCT



Retractable type fall arrester CR 300 with expandable galvanized steel 4mm cable. The device is intended for works requiring significant mobility in respect to attachment point. Energy absorber is not required. The device is tested and approved for working on flat roofs in combination with roof lanyard AZ 800.

Retractable type fall arrester CR 300 is a component of personal fall protection equipment.

# **SPECIAL FEATURES**

# On reque

On request, the device is available with the permission to work in potentially explosive areas







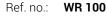
# **PARAMETERS**

Cable diameter: 4		4 mm	
Maximum	user's weight::		140 kg
REF. NO.:.:	CABLE LENGTH	WEIGHT	
CR 300 18	18 m	11,10 kg	
CR 300 20	20 m	11,25 kg	
CR 300 25	25 m	11,50 kg	
CR 300 28	28 m	11,65 kg	

# **WR 100**

# Retractable type fall arrester

**EN 360** 





PRODUCT PRESENTATION ( (

protekt.co/wr100



Retractable type fall arrester WR 100 with connectors AZ 011 and AZ 002ASI, fitted with expandable webbing, 17mm wide. Locking mechanism inside the composite cover. The device is intended for works requiring mobility in respect to attachment point. Energy absorber is not required.

The WR 100 arrester is a component of personal fall protection equipment.

# SPECIAL FEATURES

# PREMITTED TO WORK IN POTENTIALLY EXPLOSIVE AREAS





Webbing width:	17 mm
Working length:	max. 6 m
Static strength:	no less than 15 kN
Braking force:	less than 6 kN
Weight:	1,8 kg

REF. NO.:	LENGTH	WEIGHT
WR 100	6 m	1,80 kg

# CR 250 Vertical

# Self-locking device for vertical operation



CR 250V self-locking device for vertical operation in a plastic casing with a pull-down steel rope and a swivel mounted in the casing. The device is designed for work requiring significant displacement in relation to the point of attachment. No need to use a shock absorber.

The CR 250V self-locking device is a component of individual fall protection equipment.

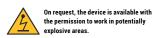
# **AVAILABLE COLOURS**



# **SPECIAL FEATURES**









# PARAMETERS

# RECOMMENDED HOOKS: AZ002ASI, AZ030I, AZ060.

Material:	composite housing, galvanized steel / stainless
Dimensions:	270 x 260 x 90 mm
Static strength:	min. 12 kN
Diameter of the cable:	4 mm (galvanized steel)



REF NO:	DEVICE LENGTH	WEIGHT
CR 250V 06 X	6 m	3,92 kg
CR 250V 10 X	10 m	4,20 kg
CR 250V 12 X	12 m	4,70 kg
CR 250V 15 X	15 m	4,90 kg

# **CR 250 V+G**

# Vertical self-locking device approved for use in potentially explosion-hazard areas

EN 360 VG11.062 ref no.: CR 250V+G



Self-locking device CR 250V + G for vertical operation with expandable safety rope and swivel mounted in a casing made of conductive plastic with grounding conductor. No need to use a shock absorber.

The CR 250V+G self-locking device is a component of individual fall protection equipment.

### **SPECIAL FEATURES**









# **PARAMETERS**

Material:	composite carbon fibre casing, galvanized steel / stainless
Dimensions:	270 x 260 x 90 mm
Static strength:	min. 12 kN
Diameter of the cable:	4 mm (galvanized steel)

Version only in black cover!

RECOMMENDED HOOKS: AZ002ASI, AZ030I, AZ060.

REF NU:	DEVICE LENGTH	WEIGHT
CR 250V+G 06	6 m	4,00 kg
CR 250V+G 10	10 m	4,20 kg
CR 250V+G 12	12 m	4,70 kg
CR 250V+G 15	15 m	4,90 kg

# CR 250 Horizontal + Vertical and horizontal operation



CE EN 360 VG11.060 VG11.062 ref no.: **CR 250H V** 





CR 250H + V self-locking device for vertical and horizontal operation in a plastic casing with a pull-down steel rope and a swivel mounted in the casing. The device has an additional shock-absorbing system located near the snap-hook. It is intended for work requiring considerable displacement in relation to the point of attachment. No need to use a safety shock absorber. No need to use AZ 800 cable when working horizontally.

The CR 250H V self-locking device is a component of individual fall protection equipment.



# **SPECIAL FEATURES**









Material:	composite housing, galvanized steel / stainless
Dimensions:	270 x 260 x 90 mm
Static strength:	min. 12 kN
Diameter of the cable:	5 mm (galvanized steel)

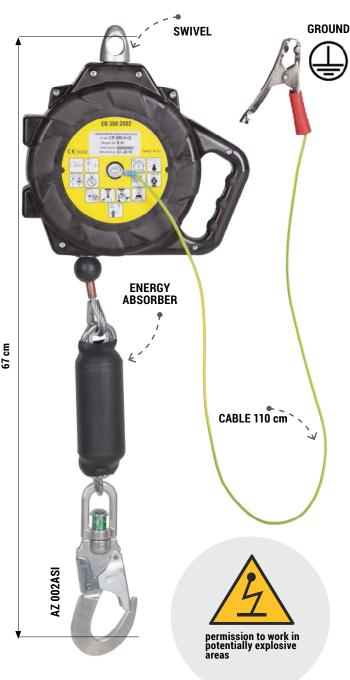
REF NO:	DEVICE LENGTH	WEIGHT	
CR 250H V 06 X	6 m	4,80 kg	
CR 250H V 08 X	8 m	5,00 kg	
CR 250H V 11 X	11 m	5,50 kg	

# CR 250 HV+G

approved for use in potentially explosion-hazard zones



CE EN 360 VG11.060 VG11.062 ref no.: CR 250HV+G





Self-locking device CR 250HV + G for vertical and horizontal operation with a pull-out safety rope and a swivel mounted in a casing made of a conductive plastic with an earthing conductor. The device has an additional shock--absorbing system located near the snap-hook. No need to use a safety shock absorber and no need to use an AZ 800 cord attached during horizontal wor.

The CR 250HV+G self-locking device is a component of individual fall protection equipment.



# **SPECIAL FEATURES**









# **Version only** in black cover!

# **PARAMETERS**

# **RECOMMENDED HOOKS:** AZ002ASI, AZ030I, AZ060.

Material:	composite housing, galvanized steel / stainless
Dimensions:	270 x 260 x 90 mm
Static strength:	min. 12 kN
Diameter of the cable:	5 mm (galvanized steel)

REF NO:	DEVICE LENGTH	WEIGHT
CR 250H V+G 06	6 m	4,80 kg
CR 250H V+G 08	8 m	5,00 kg
CR 250H V+G 11	11 m	5,50 kg

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# Self-locking device for vertical operation

( ( EN 360 VG11.062 ref no.: **CR 251V** 



CR 251V retractable fall arrester provided with plastic housing and wire rope. Provided with AZ 029 hook with an opening larger than the standard snap hook - 50 mm (used to attach directly to the fixed structure). Device is designed for work requiring significant displacement in relation to the point of attachment. No need to use a shock absorber.

CR 251V fall arrester is a component of individual equipment protecting against fall.

# **AVAILABLE COLOURS**



# **SPECIAL FEATURES**







# **PARAMETERS**

CR 251V 15 X

Material:		site housing, zed steel
Dimensions:	450 x 2	60 x 90 mm
Static strength:	min. 12	kN
Diameter of the cable:	4 mm (	galvanized steel))
REF NO:	DEVICE LENGTH	WEIGHT
CR 251V 06 X	6 m	4,39 kg
CR 251V 10 X	10 m	4,67 kg
CR 251V 12 X	12 m	5,15 kg

5,35 kg

15 m

# CR 255 VERTICAL

# Self-locking device for vertical operation



# RAISED CORROSION RESISTANCE

internal mechanism and rope made of stainless steel



# **AVAILABLE COLOURS**



# SPECIAL FEATURES

RECOMMENDED HOOKS: AZ002ASI, AZ030I, AZ060







### **PARAMETERS**

Self-braking device CR 255V with retractable rope steel in a plastic housing. Equipped with a swivel. Has a comfortable side handle. Cable made of stainless steel with diameter 5 mm. The device is designed for work requiring significant displacement in relation to the point of attachment. No need to use a shock absorber.

# The CR 255V self-locking device is a component of individual fall protection equipment.

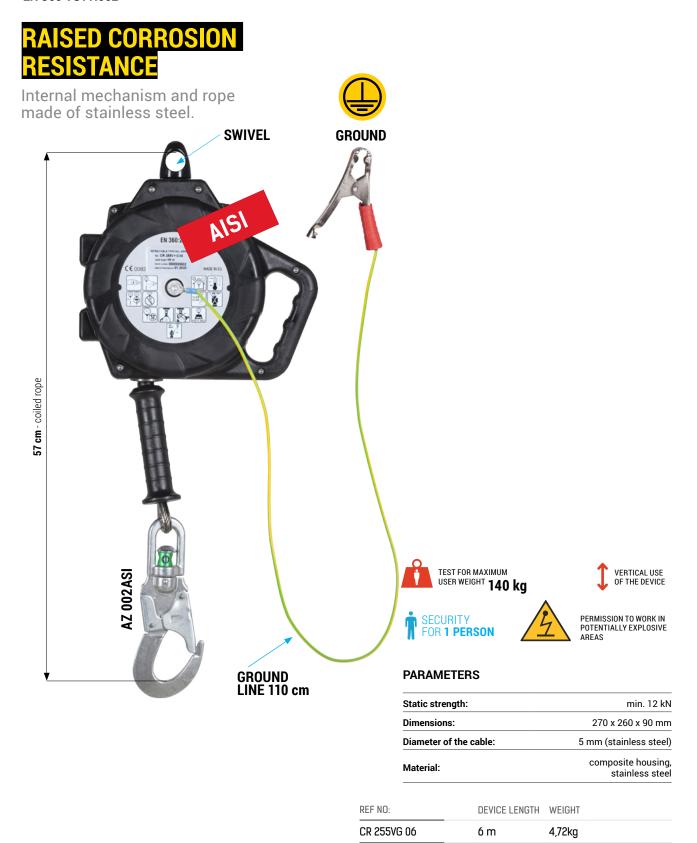
REF NO:	DEVICE LENGTH	WEIGHT
CR 255V 06 X	6 m	4,62 kg
CR 255V 08 X	8 m	4,73 kg
CR 255V 11 X	11 m	5,46 kg

Material:	composite housing, stainless steel
Dimensions:	270 x 260 x 90 mm
Static strength:	min. 12 kN
Diameter of the cable:	5 mm (stainless steel)



Ref. no.: **CR 255VG** 

EN 360 VG11.062



CR 255VG 08

CR 255VG 11

08 m

11 m

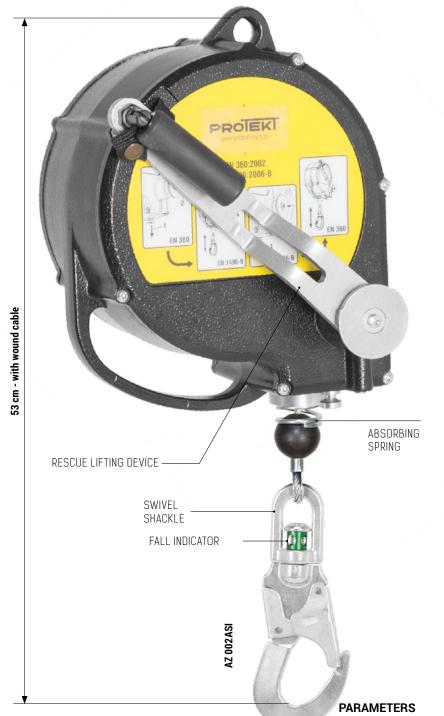
4,83 kg

5,56 kg

**EN 360, EN 1496 CLASS B** 

Ref. no.:

**CRW 200** 





protekt.co/crw200



CRW 200 is a combination of a retractable type fall arrester and a rescue lifting device. The cover is made of an aluminium alloy. CRW 200 is fitted with a rescue lifting device with galvanized steel cable.

CRW 200 can be used independently or with selected tripods. In order to install the device on a tripod use a mounting bracket.

Retractable type fall arrester CRW 200 is a component of personal fall protection equipment.

# **SPECIAL FEATURES**



Tested for maximum user's weight 140 kg



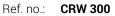


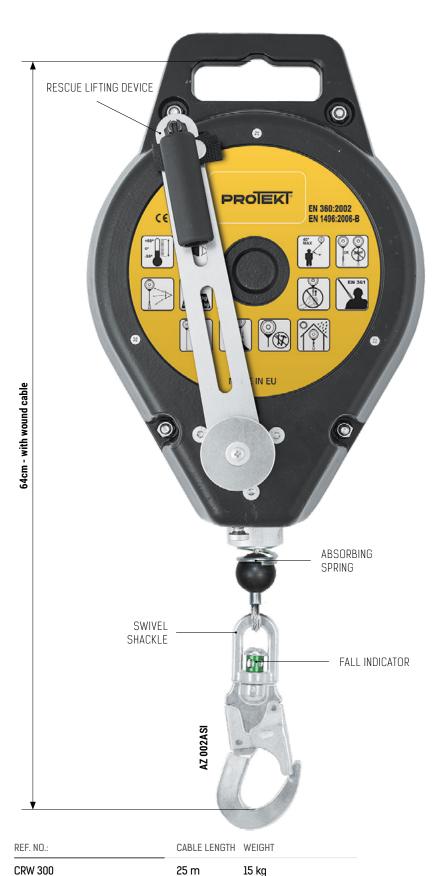


On request, the device is available with the permission to work in potentially explosive areas

CRW 200	15 m	11 kg	
REF. NO.:	CABLE LENGTH	WEIGHT	
Weight:	11 kg		
Dimensions:	300 x 2	300 x 230 x 175 mm	
Working length:	max. 1	max. 15 m	
Working load:	min. 5	min. 50 kg, max. 140 kg	
Cable diameter:	4,7 mn	4,7 mm	

# **EN 360, EN 1496 CLASS B**







### protekt.co/crw300



CRW 300 is a combination of a retractable type fall arrester and a rescue lifting device. The cover is made of an aluminium alloy. The arrester is fitted with retractable zinc plated steel cable.

CRW 300 is fitted with rescue lifting device, and can be used independently or with selected tripods. In order to install the device on a tripod use a mounting bracket.

Retractable type fall arrester CRW 300 is a component of personal fall protection equipment

# **SPECIAL FEATURES**



Tested for maximum user's weight 140 kg



On request, the device is available with the permission to work in potentially explosive areas





# **PARAMETERS**

Cable diameter:	4,7 mm
Working load:	max. 140 kg
Working length:	max. 25 m
Dimensions:	365 x 267 x 132 mm
Weight:	15 kg

14

CRW 300 + connector AZ 017

25 m

15 kg

**EN 360** 

Ref. no.: CR 030

AZ 002ASI



Retractable type fall arrester with expandable steel cable ø 4 mm, fitted with a locking mechanism in a durable plastic cover. CR 030 is fitted with an integrated swivel shackle at the eye for device anchoring. The device is intended for works requiring significant mobility in respect to attachment point. Energy absorber is not required.

# **SPECIAL FEATURES**



**Tested for maximum** user's weight 140 kg





# **PARAMETERS**

Max. user's weight		140 kg
Max. working lengt	h:	3 m
Cable diameter:		4 mm
Weight:		~1750g + connector weigh
REF. NO.:	LENGTH	WEIGHT
CB U3U	3 m	175 ka

4

180, 200, 230cm - with maximum webbing length

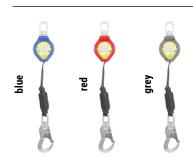
58cm - with wound webbing

( ( **EN 360** Ref. no.: WR 020



- Retractable type fall arrester WR 020 with expandable textile webbing in a durable plastic cover.
- Locking mechanism in an impact-resistant cover with swivel shackle in upper part of the device.
- Additionally, lower connector is fitted with swivel shackle and indicator.
- The device is intended for works requiring mobility in respect to attachment point. Energy absorber is not required.

# **AVAILABLE COLOUR VERSIONS**



# **SPECIAL FEATURES**



**ENERGY ABSORBER** 

SWIVEL SHACKLE

**AZ 002AS** 

ON WEBBING

**Tested for maximum** user's weight 140 kg





	050
Weight:	~ 850g + connector weight
Webbing:	17,5 x 2 mm
Max. user's weight:	140 kg
Min. static strength:	15kN
Max. braking force:	6 kN
REF. NO.:	LENGTH
WR 020 18	max. 1,80 m
WR 020 20	max. 2,00 m
WR 020 23	max. 2,30 m

**EN 360** 

WR 025

Ref. no.:

( (





# **PARAMETERS**

Webbing width:	17,5 mm
Max. user's weight:	140 kg
Min. static strength:	15 kN
Max. braking force::	6 kN
Weight:	~ 850g + connector weight

# **SPECIAL FEATURES**



On request, the device is available with the permission to work in potentially explosive areas



vertical use



**Tested for maximum** user's weight 140 kg





Retractable type fall arrester WR 025 with expandable textile webbing in a durable plastic cover. Locking mechanism in a durable cover with swivel shackle in upper part of the device. Additionally, lower connector is fitted with swivel shackle. The device is intended for works requiring mobility in respect to attachment point. Energy absorber is not required. The device is tested and approved for working on flat roofs in combination with roof lanyard AZ 800.

REF. NO.:	LENGTH
WR 025 10	2,45 m
WR 025 20	2,55 m



# Self-locking device for vertical operation

( ( EN 360 VG11.062 ref no.: **CR 251V** 



CR 251V retractable fall arrester provided with plastic housing and wire rope. Provided with AZ 029 hook with an opening larger than the standard snap hook - 50 mm (used to attach directly to the fixed structure). Device is designed for work requiring significant displacement in relation to the point of attachment. No need to use a shock absorber.

CR 251V fall arrester is a component of individual equipment protecting against fall.

# **AVAILABLE COLOURS**



# **SPECIAL FEATURES**







Material:	composite housing, galvanized steel
Dimensions:	450 x 260 x 90 mm
Static strength:	min. 12 kN
Diameter of the cable:	4 mm (galvanized steel))
REF NO:	DEVICE LENGTH WEIGHT

REF NU:	DEVICE LENGTH	WEIGHT
CR 251V 06 X	6 m	4,39 kg
CR 251V 10 X	10 m	4,67 kg
CR 251V 12 X	12 m	5,15 kg
CR 251V 15 X	15 m	5,35 kg
•		

# CR 255 VERTICAL

# Self-locking device for vertical operation



# RAISED CORROSION RESISTANCE

internal mechanism and rope made of stainless steel



# **AVAILABLE COLOURS**



# SPECIAL FEATURES

RECOMMENDED HOOKS: AZ002ASI, AZ030I, AZ060







### **PARAMETERS**

Self-braking device CR 255V with retractable rope steel in a plastic housing. Equipped with a swivel. Has a comfortable side handle. Cable made of stainless steel with diameter 5 mm. The device is designed for work requiring significant displacement in relation to the point of attachment. No need to use a shock absorber.

# The CR 255V self-locking device is a component of individual fall protection equipment.

REF NO:	DEVICE LENGTH	WEIGHT
CR 255V 06 X	6 m	4,62 kg
CR 255V 08 X	8 m	4,73 kg
CR 255V 11 X	11 m	5,46 kg

Material:	composite housing, stainless steel
Dimensions:	270 x 260 x 90 mm
Static strength:	min. 12 kN
Diameter of the cable:	5 mm (stainless steel)



# **OS 010**

intended for retractable type fall arresters: CR 200, CR 210, CR 220, CR240, CR241, CR245, CR 030, ROLEX 1, ROLEX 2, ROLEX 3, WR 020, W R 025, WR 100



# **OS 030**



# Ref. no.: **OS 010, OS 030**



# **AVAILABLE COLOUR VERSIONS**



- 1. Protects the device against unfavourable weather conditions
- 2. Increases service life of retractable type fall arresters
- 3. Available in various colour versions

OS010 / OS030 - guard price without connector

	Highly-transparent PVC, PVC Hi-Vis, PVC
Dimensions:	0S010 - 500 x 335mm, 0S030 - 500 x 390mm
Colours:	black, blue, grey, green, red, yellow, yellow Hi-Vis, orange Hi-Vis

(€ EN 354 Ref. no.: **AZ 800** 



protekt.co/AZ800





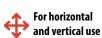


USING AZ 800

# **SPECIAL FEATURES**



PREMITTED TO WORK IN POTENTIALLY EXPLOSIVE AREAS





**Tested for maximum** user's weight 140 kg



**Protection of** 1 PERSON

AZ 800 is a 1.8m long lanyard, intended for works on roof, suitable for cooperation with retractable type fall arresters CR 300, CR 200 and WR 025.

REF. NO.:

AZ 800



21

Ref. no.: AC 040



Guided type fall arrester SKR-BLOCK intended for use with polyester work rope AC 200, 12mm dia. The device should be connected to full body harness by an oval connector, e.g. AZ 011.

The AC 040 device is a component of personal fall protection equipment.

The device should be used with PROTEKT work ropes, 12mm dia.



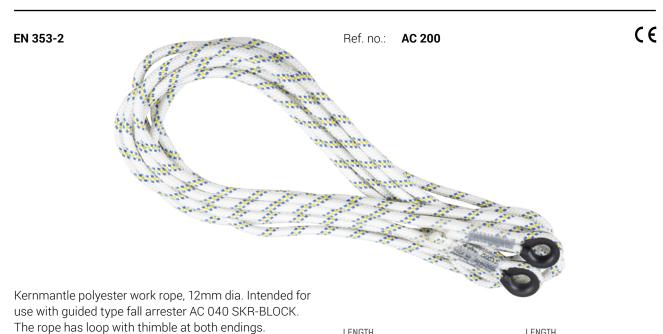
# **SPECIAL FEATURES**



REF. NO.:	WEIGHT
AC 040 - without rope	360 g

# **AC 200**

# Work rope for SKR-BLOCK system



Material:	polyester
Diameter:	12 mm

LENGIH	
10 m	
15 m	
20 m	
25 m	

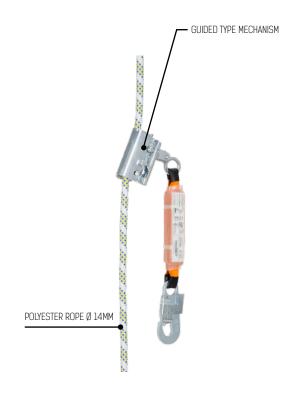
LENGTH	
30 m	
35 m	
40 m	
50 m	

# **BLOCMAX**

# **Guided type fall arrester**

**EN 353-2** Ref. no.: **AC 010** 





Guided type fall arrester BLOCMAX intended for use with polyester work rope AC 100, 14mm dia.

The device comprises the following components:

- 1. guided type mechanism;
- 2. energy dissipater;
- B. energy dissipater steel connector
  - with snap hook AZ 002.

The BLOCMAX device is a component of personal fall protection equipment.

The device should be used with PROTEKT work ropes, 14mm dia.

# **SPECIAL FEATURES**



NR KAT.:

AC 010 - without rope



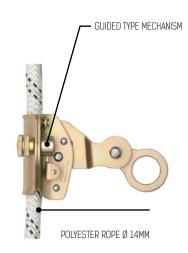
EN 353-2

Ref. no.: AC 012





Guided type fall arrester AC 012 intended for use with work rope AC 100, 14mm dia. Parameters of the device enable direct connection to full body harness - with no energy dissipater required.



# **SPECIAL FEATURES**



**Protection of** 1 PERSON

REF. NO.:

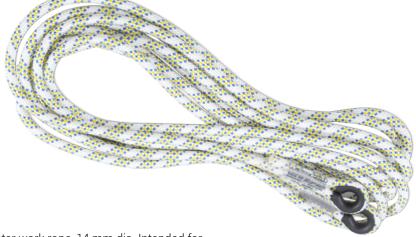
AC 012 -without rope

# **AC 100**

# Work rope for AC 010 and AC 012

EN 353-2

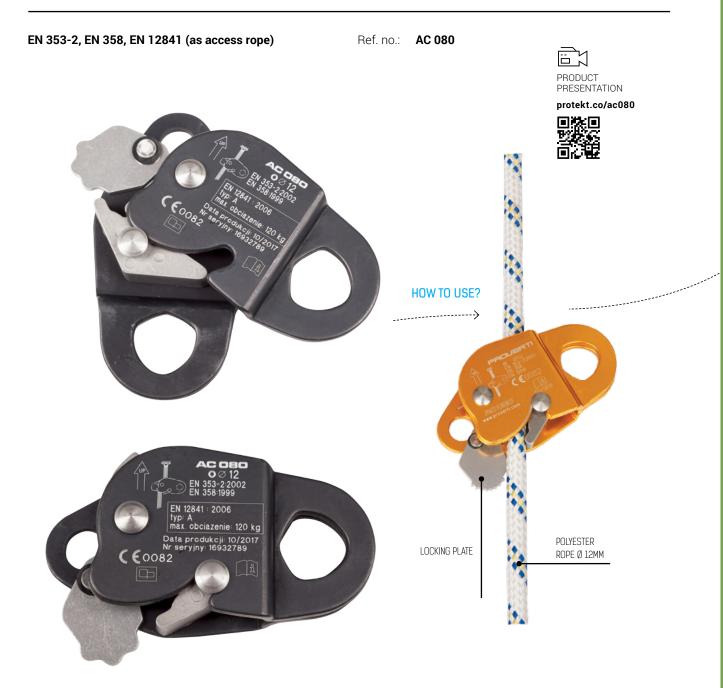
Ref. no.: **AC 100** 



Kernmantle polyester work rope, 14 mm dia. Intended for use with guided type fall arrester AC 010 BLOCMAX and AC 012. The rope has loop with thimble at both endings.

Material:	polyester	
Diameter:	14 mm	

LENGTH	
30 m	
35 m	
40 m	
50 m	



Guided type fall arrester AC 080 intended for use with polyester work rope AC 300, 12mm dia. The device should be connected to full body harness by an oval connector, e.g. AZ 011.

# The AC 080 device is a component of personal fall protection equipment.

PAR	AME <sup>1</sup>	ΓERS
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Weight:	194 g
Material:	aluminium alloy

SPECIAL FEATURES	

# **AVAILABLE COLOUR VERSIONS**

BLUE	BLACK
YELLOW	RED

REF. NO.:	WEIGHT
AC 080 - without rope	194 g







# **AC 300**

# Work rope for AC 080 and AC 081

**EN 353-2** Ref. no.: **AC 300** 

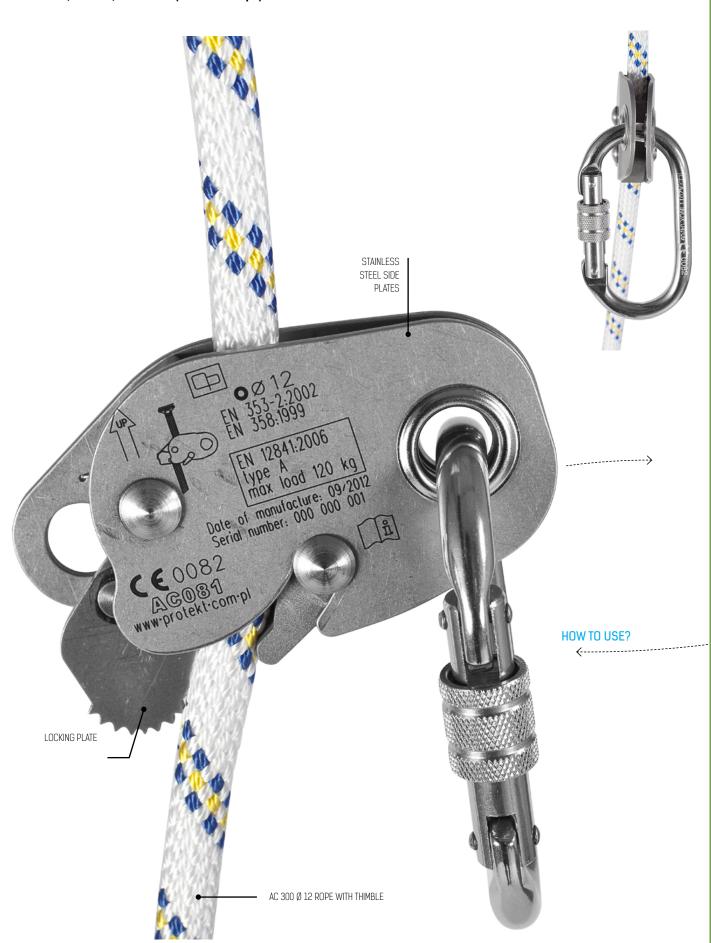


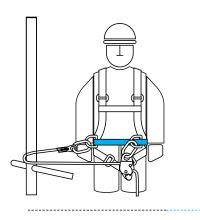
polyester	
12 mm	

LENGTH	LENGTH
10 m	30 m
15 m	35 m
20 m	40 m
25 m	50 m

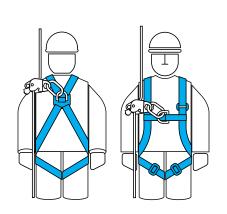
EN 353-2, EN 358, EN 12841 (as access rope)

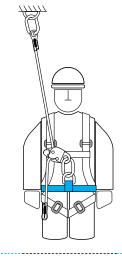


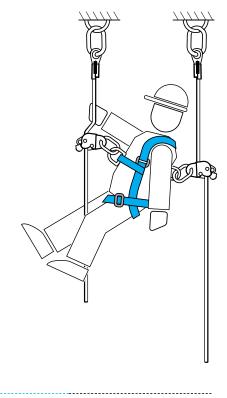












EN 353-2 EN 813 EN 12841





Guided type fall arrester AC 081 intended for use with polyester work rope AC 300, 12mm dia. The arrester should be connected to full body harness by an oval connector, e.g. AZ 011. Maximum load 120kg (EN 12841 as access rope).

# The AC 081 device is a component of personal fall protection equipment.

# **PARAMETERS**

Weight:	350 g
Material:	stainless steel

### SPECIAL FEATURES

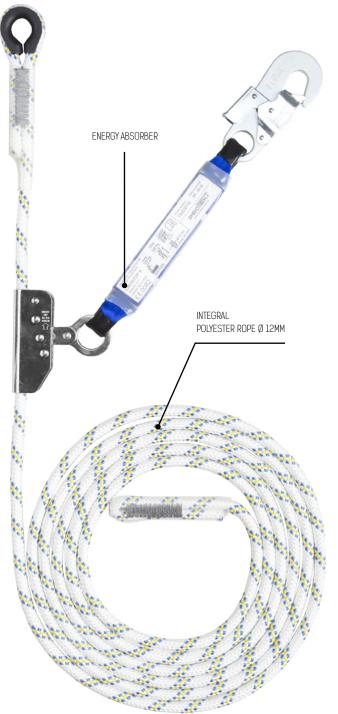
NR KAT.:	WAGA
ACO81 - without rope and connector	350 g

ACO81 - without rope and connector

# **LINOSTOP II**

# Guided type fall arrester + rope

EN 353-2 Ref. no.: AC 060



# **PARAMETERS**

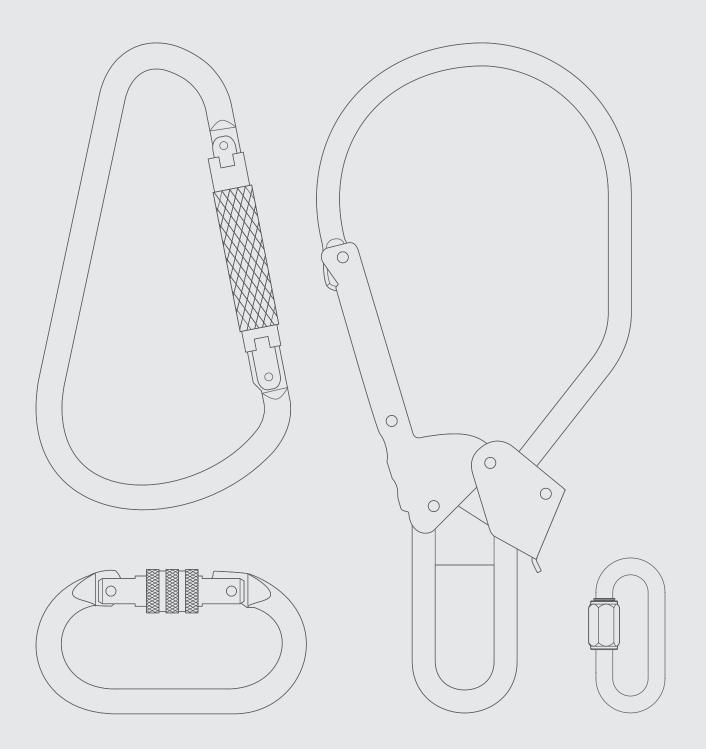
Diameter:	12 mm
Material:	polyester

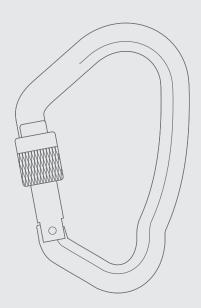
The device comprises the following components:

- 1. work rope with a loop with a thimble on one end and a splice on the other;
- 2. galvanized steel non-detachable rope grab mechanism fixed on the work rope;
- 3. energy dissipater;
- 4. connector for energy dissipater.

The LINOSTOP II device is a component of personal fall protection equipment.

ENGTH	
m	
0 m	
5 m	
0 m	
5 m	
0 m	
5 m	
0 m	
5 m	
0 M	

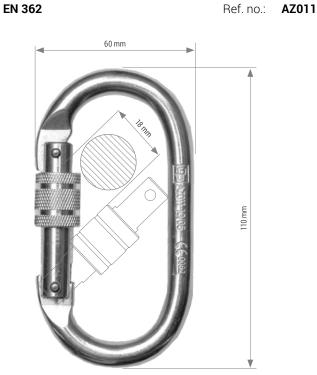




# Connectors

Detachable connectors	5 - <b>2</b>
Integrated connectors	5 - <b>13</b>
Screw link connectors	5 - <b>17</b>





Detachable connector with locking gear.

# **PARAMETERS**

Dimensions:	110 x 60 mm
Opening:	18 mm
Weight:	160 g
Material:	galvanized steel
Static strength	25 kN

# SPECIAL FEATURES



PREMITTED TO WORK IN POTENTIALLY EXPLOSIVE AREAS

REF. NO.:

AZ 011

# **AZ 011A**

# Detachable connector with locking gear

EN 362 Ref. no.: AZ011A



# **PARAMETERS**

Dimensions:	111 x 64 mm	
Opening:	18 mm	
Weight:	110 g	
Material:	aluminium	
Static strength	20 kN	

## SDECIAL FEATURES



PREMITTED TO WORK IN

POTENTIALLY EXPLOSIVE AREAS

REF. NO.:

AZ 011A

EN 362

Ref. no.: **AZ011INOX** 

5

# 64 mm

# **PARAMETERS**

Dimensions:	110 x 64 mm
Opening:	19 mm
Weight:	160 g
Material:	galvanized steel
Static strength	20 kN

### CDECIAL EEATLIDEC



PREMITTED TO WORK IN
POTENTIALLY EXPLOSIVE AREAS

REF. NO.:

AZ 011 INOX

# **AZ 011T**

# Detachable connector with "twist lock" gear

EN 362 Ref. no. AZ011T

(€



# **PARAMETERS**

Dimensions:	108 x 60 mm
Opening:	18 mm
Weight:	170 g
Material:	galvanized steel
Static strength	20 kN

### ODEOLAL FEATUREO



PREMITTED TO WORK IN

POTENTIALLY EXPLOSIVE AREAS

REF. NO.:

AZ 011T

# EN 362 Ref. no.: AZ012



### **PARAMETERS**

Dimensions:	110 x 64 mm
Opening:	21 mm
Weight:	75 g
Material:	aluminium
Static strength	25 kN

# **SPECIAL FEATURES**



PREMITTED TO WORK IN
POTENTIALLY EXPLOSIVE AREAS

REF. NO.:

AZ 012

# **AZ 012T**

# Detachable connector with "twist lock" gear

EN 362 Ref. no.: AZ012T



### **PARAMETERS**

Dimensions:	110 x 64 mm
Opening:	21 mm
Weight:	80 g
Material:	aluminium
Static strength	25 kN

### SDECIAL FEATURES



PREMITTED TO WORK IN

POTENTIALLY EXPLOSIVE AREAS

REF. NO.:

AZ 012T



# **PARAMETERS**

Dimensions:	110 x 64 mm
Opening:	19 mm
Weight:	85 g
Material:	aluminium
Static strength	20 kN

# **SPECIAL FEATURES**



PREMITTED TO WORK IN

POTENTIALLY EXPLOSIVE AREAS

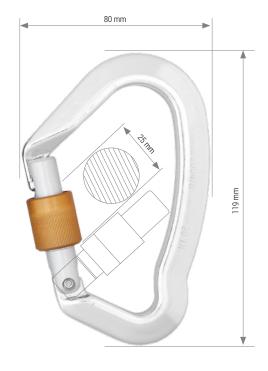
REF. NO.:

AZ 012DT

# **AZ 013A**

# Detachable connector with locking gear

EN 362 Ref. no.: AZ013A



# **PARAMETERS**

Dimensions:	119 x 80 mm
Opening:	25 mm
Weight:	95 g
Material:	aluminium
Static strength	20 kN

### CDECIAL FEATURES



PREMITTED TO WORK IN POTENTIALLY EXPLOSIVE AREAS

# **COLOUR VERSIONS**



### (€ EN 362 Ref. no.: **AZ014**



# **PARAMETERS**

Dimensions:	113 x 73 mm
Opening:	24 mm
Weight:	95 g
Material:	aluminium
Static strength	20 kN

# **SPECIAL FEATURES**



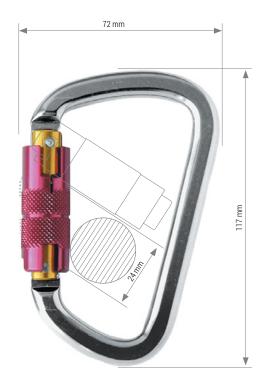
REF. NO.:

AZ 014

# **AZ 014T**

# Detachable connector with "twist lock" gear

(€ EN 362 Ref. no.: AZ014T



# **PARAMETERS**

Dimensions:	117 x 72 mm
Opening:	24 mm
Weight:	100 g
Material:	aluminium
Static strength	20 kN

### CDECIAL EEATLIDEC



REF. NO.:

AZ 014T

Ref. no.: **AZ014DT** 

Detachable connector with "double twist lock" automatic locking.

# **PARAMETERS**

112 x 73 mm
22 mm
100 g
aluminium
20 kN

### **SPECIAL FEATURES**



PREMITTED TO WORK IN POTENTIALLY EXPLOSIVE AREAS

REF. NO.:

**AZ 014DT** 

# **AZ 017**

# Detachable connector with locking gear

(€ EN 362 Ref. no.: **AZ017** 



# **PARAMETERS**

Dimensions:	113 x 71 mm
Opening:	25 mm
Weight:	200 g
Material:	galvanized steel
Static strength	20 kN

# **SPECIAL FEATURES**



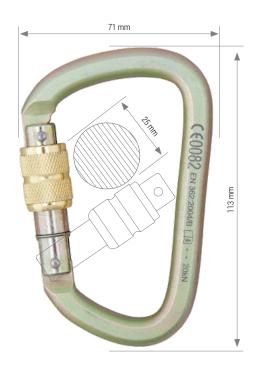
PREMITTED TO WORK IN POTENTIALLY EXPLOSIVE AREAS

REF. NO.:

AZ 017

EN 362

Ref. no.: **AZ017T** 



# **PARAMETERS**

Dimensions:	113 x 71 mm
Opening:	25 mm
Weight:	200 g
Material:	galvanized steel
Static strength	20 kN

# **SPECIAL FEATURES**



PREMITTED TO WORK IN

POTENTIALLY EXPLOSIVE AREAS

REF. NO.:

AZ 017T

# **AZ 017DT**

# Detachable connector with "double twist lock" gear

**EN 362** Ref. no.: **AZ017DT C** €



# **PARAMETERS**

113 x 80 mm
24 mm
210 g
galvanized steel
20 kN

# SPECIAL FEATURES



PREMITTED TO WORK IN

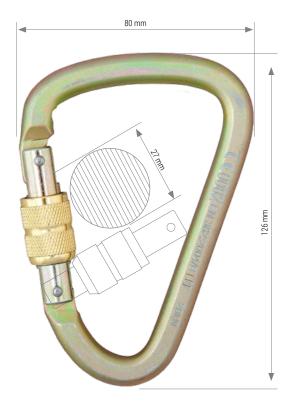
POTENTIALLY EXPLOSIVE AREAS

REF. NO.:

AZ 017DT

EN 362

Ref. no.: **AZ018** 



# **PARAMETERS**

Dimensions:	126 x 80 mm
Opening:	27 mm
Weight:	230 g
Material:	galvanized steel
Static strength	20 kN

# **SPECIAL FEATURES**



PREMITTED TO WORK IN POTENTIALLY EXPLOSIVE AREAS

REF. NO.:
AZ 018

# **AZ 018T**

# Detachable connector with "twist lock" gear

EN 362 Ref. no.: AZ018T



# **PARAMETERS**

Dimensions:	126 x 80 mm
Opening:	27 mm
Weight:	245 g
Material:	galvanized steel
Static strength	20 kN

# CDECIVI EEVILIDEC



PREMITTED TO WORK IN POTENTIALLY EXPLOSIVE AREAS

AZ 018T

5

### (€ Ref. no.: **AZ019T** EN 362



# **PARAMETERS**

Dimensions:	119 x 75 mm	
Opening:	27 mm	
Weight:	95 g	
Material:	aluminium	
Static strength	20 kN	

# **SPECIAL FEATURES**



REF. NO.:

**AZ 019T** 

# **AZ 019DT**

# Detachable connector with "double twist lock" gear

(€ EN 362 Ref. no.: **AZ019DT** 



# **PARAMETERS**

Dimensions:	119 x 75 mm
Opening:	27 mm
Weight:	90 g
Material:	aluminium
Static strength	25 kN

# **SPECIAL FEATURES**



PREMITTED TO WORK IN POTENTIALLY EXPLOSIVE AREAS

REF. NO.:

**AZ 019DT** 



# **PARAMETERS**

Dimensions:	190 x 111 mm
Opening:	45 mm
Weight:	205 g
Material:	aluminium
Static strength	20 kN

REF. NO.:

AZ 111

# **AZ 111B**

# Detachable connector with "twist lock" gear

EN 362



# **PARAMETERS**

Dimensions:	196 x 111 mm
Opening:	45 mm
Weight:	220 g
Material:	aluminium
Static strength	20 kN

REF. NO.:

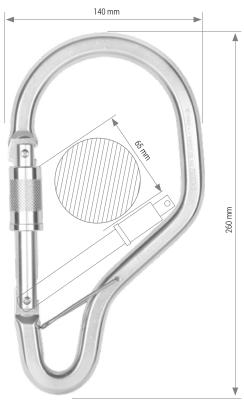
AZ 111B

(€

CONNECTORS

(€

**EN 362** Ref. no.: **AZ122** 



# **PARAMETERS**

Dimensions:	260 x 140 mm
Opening:	65 mm
Weight:	360 g
Material:	aluminium
Static strength	20 kN

REF. NO.:

AZ 122

# **AZ 125**

# Detachable connector with "twist lock" gear

EN 362 Ref. no.: AZ125

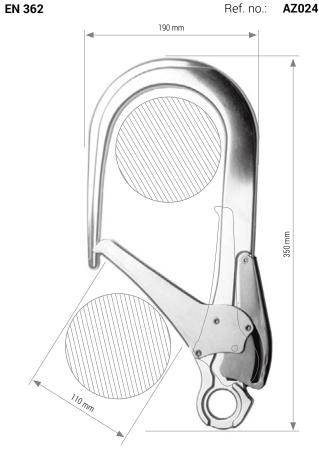


# **PARAMETERS**

Dimensions:	340 x 160 mm	
Opening:	88 mm	
Weight:	490 g	
Material:	aluminium	
Static strength	20 kN	

REF. NO.:

AZ 125



Integrated connector is available as a factory-mounted in the PROTEKT equipment or as a separate anchor element.

### **PARAMETERS**

REF. NO.:

AZ 024 - separately

AZ 024 - factory-mounted in equipment

**AZ 025** 

# Integrated connector with locking gear



Integrated connector is available as a factory-mounted in the PROTEKT equipment or as a separate anchor element.

# **PARAMETERS**

Dimensions:	330 x 155 mm
Opening:	83 mm
Weight:	845 g
Material:	steel galvanically protected against corrosion
Static strength	20 kN

REF. NO.:

AZ 025 - separately

AZ 025 -factory-mounted in equipment

( (





Integrated connector is available as a factory-mounted in the PROTEKT equipment or as a separate anchor element.

# **COLOUR VERSIONS**



Hi Vision

AZ 029 05

# **PARAMETERS**

Dimensions:	146 x 206 mm
Opening:	50 mm
Weight:	340 g
Material:	galvanized steel, composite
Static strength	25 kN

REF. NO.:

AZ 029 - separately

AZ 029 - factory-mounted in equipment

AZ 029 04

EN 362

Ref. no.: **AZ029ISOL** 







# **PARAMETERS**

Dimensions:	150 x 208 mm
Opening:	50 mm
Weight:	350 g
Material:	galvanized steel, composite
Static strength	25 kN

Integrated connector is available as a factory-mounted in the PROTEKT equipment or as a separate anchor element.

# **SPECIAL FEATURES**



PREMITTED TO WORK IN POTENTIALLY EXPLOSIVE AREAS

REF. NO.:

AZ 029 ISOL - separately

AZ 029 ISOL - factory-mounted in equipment

5

CONNECTORS

EN 362 Ref. no.: AZ055





# LIGHT CONNECTOR AT ONLY 250 g

thanks to use of aluminium 7075 T6

New light connector AZ 055 thanks to use of high-quality materials (aluminium 7075 T6) and large opening (50mm) suits perfectly for cooperation with retractable type fall arresters such as WR 020/WR 040. The used swivel shackle prevents twisting of webbing or lanyard during operation and thus increases use comfort and safety. Moreover the applied anodizing considerably improves anti-corrosion characteristics of the product.

Integrated connector is available as a factory-mounted in the PROTEKT equipment or as a separate anchor element.

# **PARAMETERS**

<b>5</b>	07 044
Dimensions:	97 x 244 mm
Opening:	50 mm
Weight:	250 g
Material:	aluminium 7075 T6
Static strength	20 kN

REF. NO.:

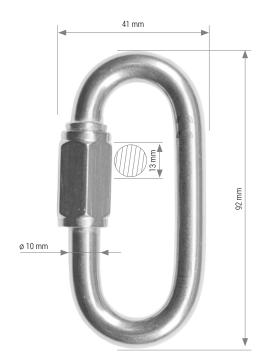
AZ 055

EN 362

AZ090

Ref. no.:

5



Connector AZ 090 is intended for short-time and fixed connection of individual components of a fall protection system.

# **PARAMETERS**

Dimensions:	92 x 41 mm
Opening:	13 mm
Weight:	65 g
Material:	stainless steel
Static strength	35 kN

### SPECIAL FEATURES



PREMITTED TO WORK IN POTENTIALLY EXPLOSIVE AREAS

REF. NO.:

AZ 090

# **AZ 091**

# Detachable connector with locking gear

EN 362 Ref. no.: AZ091



Connector AZ 091 is intended for short-time and fixed connection of individual components of a fall protection system.

# **PARAMETERS**

Dimensions:	75 x 56 mm
Opening:	8 mm
Weight:	45 g
Material:	stainless steel
Static strength	20 kN

# **SPECIAL FEATURES**



PREMITTED TO WORK IN POTENTIALLY EXPLOSIVE AREAS

REF. NO.:

AZ 091



Industrial safety helmets	6 - <b>2</b>
Face shields and ear protectors	6 - <b>5</b>
Rumn cans	6 - 10





Typical application:

WORKING AT HEIGHT CONSTRUCTION INDUSTRY FORESTR INDUSTRY



IH 100 11





fixed headband

# ATRA 10V **ventilated**

**C €** EN 397:2012+A1:2012

In the ATRA 10V shell made of ABS there are 10 ventilation holes ensuring users' comfort even on hot days.





# ATRA 10 electrically insulated

**C €**EN 397:2012+A1:2012
EN 50365: 2002







ATRA10 is a helmet that meets the highest electrical insulation standards. It protects against accidental, short-term contact with a live conductor up to 440V AC (in accordance with the optional requirements of EN 397) and can be used as an electrically insulating helmet

on low voltage installations - it provides protection against electric shock up to 1000V AC or 1500V DC (in accordance with the requirements of EN 50365: 2002).

The helmet has been designed to protect the user's head against falling objects. It is characterized by high strength, low weight and a wide adjustment range. Helmet is equipped with universal 30 mm sockets that allow the installation of additional equipment such as earmuffs or face protectors. It meets the requirements of the EN 397 standard and can be used in the temperature range of -30°C / +50°C.

### Each helmet includes:

- → helmet shell
- chin strap (attached to the helmet shell in 4 points)
- support tapes (attached to the helmet shell in 6 points)
- main harness headband with a convenient adjustment mechanism carried out with a knob
- removable, velour sweatband.



GO TO **WEBSITE** 

# **VERSIONS**



IH 100 YYY ZZZ electrically insulated



IH 101 YYY ZZZ ventilated



IH XXX 100 ZZZ rotatable headband



IH XXX 200 ZZZ fixed headband

# **IH XXX YYY ZZZ**



IH XXX YYY 001 white



IH XXX YYY 002 yellow



IH XXX YYY 003 red



IH XXX YYY 004 blue



IH XXX YYY 005 Hi-Vis yellow



IH XXX YYY 006 orange



IH XXX YYY 007 green



IH XXX YYY 008 pink



IH XXX YYY 009 black



# **MONTANA**

# **Industrial safety helmet**

**EN 397** Ref. no.: **HA 008** 



Protective helmet is made of polycarbonate which provides its resistance to damage and very low weight. The helmet is comfortable in use, and fits to the head shape and size – it is fitted with six-point webbing harness and includes a sweat band. Has closable ventilation holes. At both sides, slots for mounting hearing protection are provided..

On the inner side, the helmet is fitted with standard transparent polycarbonate goggles. Also tinted goggles are available. This helmet is recommended for scaffolding fitters, tree climbers, crane operators; does not limit user's visibility and makes user comfortable when looking up

With four-point chin strap the helmet is particularly comfortable in use when performing overhead works.

# COLOUR:

 REF. NO.: 01
 ORANGE
 NR. KAT: 05
 BLUE

 REF. NO.: 02
 YELLOW
 REF. NO.: 06
 WHITE

 REF. NO.: 03
 RED

Weight:	490 g



# **PARAMETERS**

Weight:	300 g

# **HA 006 12**

# Mesh face shield

EN 397



Ref. no.: **HA 006 12** 

Mesh face shield ensures general protection against particles moving at 12m/s. The face shield comes out with mounting clamps included.

Weight:	165 g	



Ref. no.: **HA 006 13** 

Provides protection against particles of moderate energy and moving at 120m/s, and liquid and molten metal splashes, and also arcing. Optical properties of the shield meet requirements of optical class 1 (the highest).

### **PARAMETERS**

Weight:	125 g	

# **HA 006 14**

# Face shield against arcing

**EN 166** 

Ref. no.: HA 006 14



 $\epsilon$ 



Provides protection against particles of moderate energy and moving at 120m/s, and liquid and molten metal splashes, and also arcing. Optical properties of the shield meet requirements of optical class 1 (the highest).

Weight:	155 g	



Ref. no.: **HA 006 15** 

Provides protection against particles of low energy and moving at 45m/s, and liquid splashes. Optical properties of the shield meet requirements of optical class 1 (the highest). The face shield comes out with mounting clamps included.

### **PARAMETERS**

Weight:	155 g	

# **HA 006 16**

# Polycarbonate face shield

EN 397



Ref. no.: **HA 006 16** 

Provides protection against particles of low energy and moving at 45m/s, and liquid splashes. The shield can be used for gas welding. In case of other welding methods face shield of much darker visor is required. Optical properties of the shield meet requirements of optical class 1 (the highest).

# **PARAMETERS**

Weight:	155 g	

(€

Ref. no.: **HA 008 10** 

HA 006 10 Sweat band for helmet EVO LITE



Harness for helmet EVO LITE

HA 008 17

Harness for helmet Montana

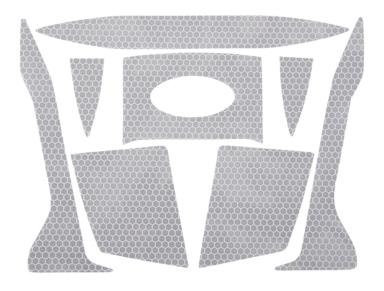
Ref. no.: **HA 006 17** 

Ref. no.: **HA 008 17** 





**EN 397** Ref. no.: **HA 006 18** 



Reflective stickers for helmet EVO LITE

# HA 006 19 Clamp for mounting shields on helmet EVO LITE HA 006 30

**Chin strap** for helmet EVO LITE

EN 397 Ref. no.: HA 006 19



Ref. no.: HA 006 30



# **PARAMETERS**

Weight: 45 g

# **PARAMETERS**

Weight: 25 g



Industrial safety helmet intended for head protection against impacts by solid stable objects. Manufactured as a textile peaked cap equipped with protective pad. The cap has length-wise ventilation holes protected by polyester mesh, hard peak with polyamide pad and cotton adjustment strap at the back. Head size: 55 - 62cm.

## **PARAMETERS**

Weight:	220 g	
Head size:	55 - 62 cm	

# **CUPPIE 2**

# **Light industrial safety helmet**



Light industrial safety helmet with protective pad. Provides head protection against impacts by solid objects or structural elements. Not suitable for protection against falling objects. Size adjusted by adjustment strap at the back.

Weight:	235 g	
Head size:	56 - 61 cm	
Peak length:	5 cm	



Work ropes

Work positioning lanyard

7 - 2

7 - 6

PROTEKT

7

# EN 1891 Class A



Ref. no.: **PESPA 13,5-K-16** 



Spliced Eye - EN 1891 certified eye splicing

min. strength with loops 15kN breaking force 24kN

The rope is intended mainly for arborist works. Features large diameter enabling larger strength to damages and adequate flexibility for working with pulleys, connectors and other equipment. Red and white colour provides good visibility

### **PARAMETERS**

Rope diameter:	Ø 13,5 mm
Weight:	130 g/m
Kernmantle slip:	0 mm
Drop-off number:	1
Relative elongation:	3% (50-150 kg)
Shrinkage:	0.5 %
Min. static strength:	22 kN
Breaking strength:	37 kN
Core:	polyamide
Kernmantle:	polyester

### **AVAILABLE COLOUR VERSIONS**



01

REF. NO.:	ROPE DIAMETER
PesPa 13,5-K-16	13 mm



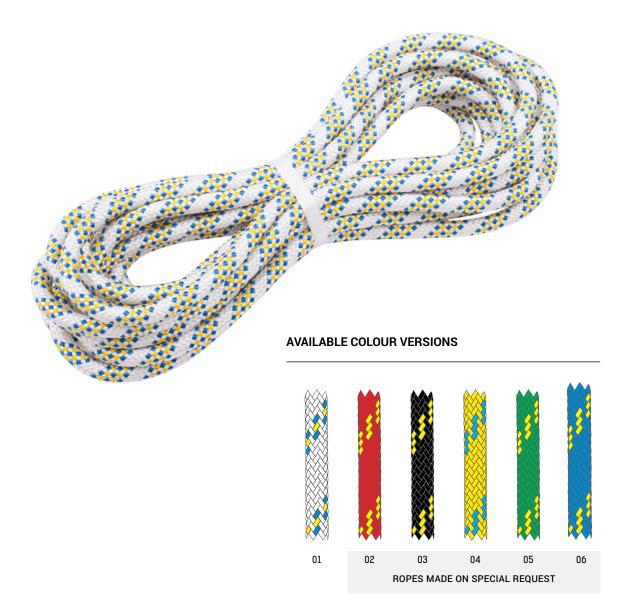
### **AVAILABLE COLOUR VERSIONS**



REF. NO.:	Pa 100-10-K-24	Pa 100-105-K-24	Pa 100-11-K-24	Pa 100-12-K-24
Material:	polyamide	polyamide	polyamide	polyamide
Breaking strength:	29,10 kN	29,8 kN	30,60 kN	32,10 kN
Min. Static strength:	22 kN	22 kN	22 kN	22 kN
Kernmantle shift:	0,9 %	0,5%	1%	0,6 %
Relative elongation:	3,4 %	2,9%	3,3 %	3,9 %
Weight:	68 g/m	72 g/m	76 g/m	98 g/m
Rope diameter:	Ø 10 mm	Ø 10,5 mm	Ø 11 mm	Ø 12 mm



Ref. no.: LL 060, LL 080, LL 110, LL 120, LL 140





If no colour version if specified, rope to be sent is colour version no. 01

Rope diameter:	Ø 6 mm	Ø 8 mm	Ø 10,5 mm	Ø 12 mm	Ø 14 mm
Weight:	30 g/m	51 g/m	92 g/m	108 g/m	140 g/m
Relative elongation:	2,30 %	1,80 %	1,15 %	1,20 %	1,20 %
Kernmantle shift:	0,6 %	0,8 %	0,4 %	0,5 %	0,3 %
Breaking strength:	11,06 kN	15,46 kN	27,41 kN	37,07 kN	39,25 kN
Material:	polyester	polyester	polyester	polyester	polyester
REF. NO:	LL 060	LL 080	LL 110	LL 120	LL 140



Ref. no.: **TU 132** 

The rope is fully made of high-strength polyester.
Formed as 12-fibre braid rope. Intended only for cargo transportation. Bright colour provides good visibility.
Perfect as a work positioning rope for hydrants or pulleys.

### **PARAMETERS**

	TU 132 016	TU 132 018
Rope diameter:	Ø 16 mm	Ø 18 mm
Strength:	37 kN	45 kN
Material:	polyester	polyester

REF. NO.:	ROPE DIAMETER
TU 132 016	Ø 16 mm
TU 132 018	Ø 18 mm

# **TU 135**



Ref. no.: **TU 135** 



Rope diameter:	Ø 10 mm
Strength:	17 kN
Material:	aramid, polyester

REF. NO.:	ROPE DIAMETER
TU 135	Ø 10 mm



Material:

# **TU 327**

### Splicing bodkin kit



Material:	blue-anodized aluminium	
Diameters:	TU 327 020 - Ø 24,00 mm TU 327 018 - Ø 22,00 mm TU 327 016 - Ø 18,00 mm TU 327 014 - Ø 16,00 mm TU 327 014 - Ø 14,00 mm TU 327 010 - Ø 12,00 mm TU 327 010 - Ø 9,00 mm TU 327 008 - Ø 9,00 mm TU 327 006 - Ø 6,00 mm	

Kit comprising 8 bodkins with case for rope splicing.

TU 327

# Rope edge guards and rope sleeves

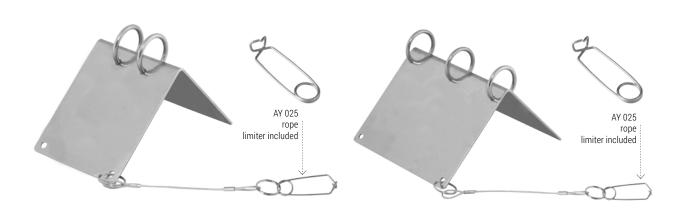
Rope edge guards

Rope sleeves

8 - 2

8 - 7







AX 902 are guards providing protection of roof parapet elements and rope or webbing against sharp-edged parapet elements. Parts are made of stainless steel. The parts are suitable for use with one textile rope or webbing. The device is mounted to structural elements by connectors AZ 011.

AX 903 are guards providing protection of roof parapet elements and rope or webbing against sharp-edged parapet elements. Parts are made of stainless steel. The parts are suitable for use with one or two textile ropes or webbings. The device is mounted to structural elements by connectors AZ 011.

### **PARAMETERS**

Material:	stainless steel
Dimensions:	120 x 175,5 mm
Weight:	0,85 kg

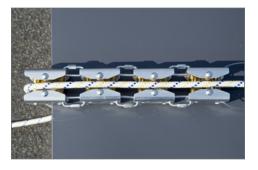
REF. NO.:	
AX 902	

Material:	stainless steel
Dimensions:	180 x 175,5 mm
Weight:	1,30 kg

REF. NO.:	
AX 903	







### **PARAMETERS**

Temperature range:	-30°C / +50°C
Material:	aluminium, brass, steel

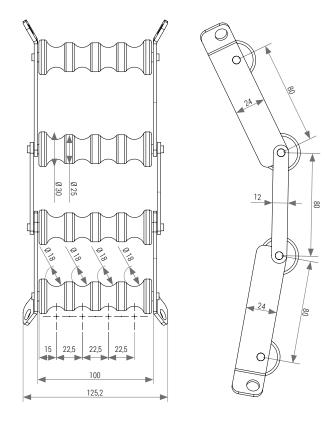
REF. NO.:

AX904/1	
AX904/3	
AX904/4	



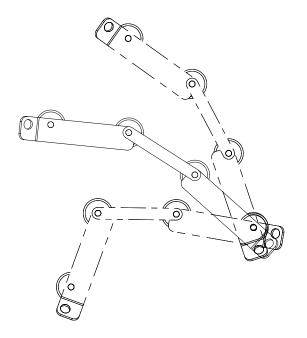






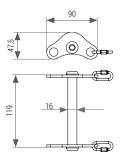
Max. length:	300 mm
Weight:	620 g
Material:	steel, polyamide
Temperature range:	-30°C / +50°C







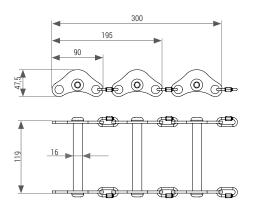
# KIT AX 907/1 single module



### **KIT AX 907/3**

three modules



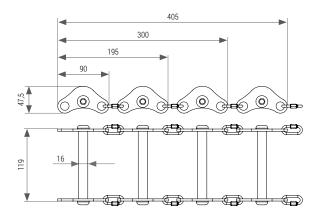


### **PARAMETERS**

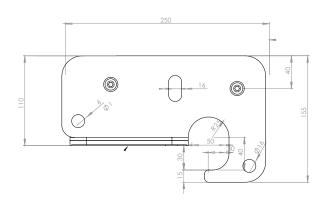
Temperature range:	-30°C / +50°C
Material:	aluminium, stainless steel, steel

REF. NO.:	NUMBER OF MODULES
AX 907/1	1
AX 907/3	3
AX 907/4	4

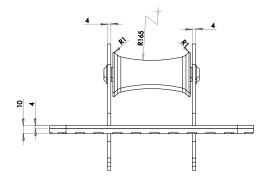
# KIT AX907/4 four modules

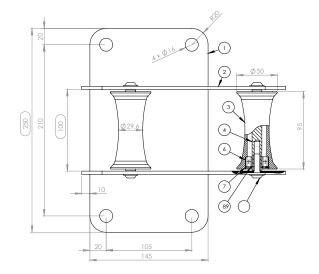












Rope edge guard AX 908 is designed for use with a single rope or more ropes. Light aluminium design facilitates transport and installation. The guard has additional boreholes for roller mounting. Rubber padded base facilitates installation on smooth surfaces and protects them against damage.

### **PARAMETERS**

250 x 250 x 155 mm
1,8 kg
aluminium, stainless steel, steel
-30°C / +50°C

REF. NO.:

AX 908

Ref. no.: **TU 320** 



Rope sleeve AX 901 for cooperation with work rope on rope grab complying with EN 353-2 (LINOSTOP, ACOIO), preventing rope wearing on roof edges.

### **PARAMETERS**

Material:	polyester fabric / PVC
REF. NO.:	
AX 901	

### **PARAMETERS**

Material:	natural leather			
REF. NO.:	WEIGHT			
TU 320	0,29 kg			
	-,			

8

8



Ref. no.: TU 322



Rope guard TU 321 made of leather and PVC is suitable for cooperation with rope on rope grab complying with EN 353-2 (LINOSTOP II, ACOIO), preventing the rope from wearing.

Rope sleeve TU 322 made of leather with velcro straps suitable for cooperation with rope on rope grab complying with EN 353-2 (LINOSTOP II, ACOIO), preventing the rope from wearing.

### **PARAMETERS**

Material:	leather and PVC
REF. NO.:	LENGTH
TU 321 50	50 cm
TU 321 100	100 cm

Material:	natural leather
REF. NO.:	LENGTH
TU 322 50	50 cm
TU 322 100	100 cm

Ref. no.: TU 323



The TU 323 pad is designed as a multifunctional patch enabling i.e. comfort storage of laces and thin lines, protecting sharp edges when using lifelines, guarding rope ends against damage by pulley blocks, etc.

Material:	PS + PCV
Available colours:	orange and khaki

REF. NO.:

TU 323



9



# Work rope installation equipment



Insulating telescopic poles	9 - <b>2</b>
Heads and working hooks	9 - 4
Cabla alamana far aabla inatallara	0 10



### EN 50508 EN 60832-1

# Insulating poles with UDI head





TESTED
BY RESEARCH
INSTITUTE
OF POWER
ENGINEERING
IN WARSAW

Rated voltage up

1-110 kV



SCAN ME GO TO WEBSITE



TECHNICAL SPECIFICATION

Ref. no.:	DT9110	DT940	DT930	DT920	DT910	DT904	DT901
Weight	0,9 kg	0,62 kg	0,54 kg	0,54 kg	0,5 kg	0,36 kg	0,28 kg
Length	2006 mm	1356 mm	1150 mm	1150 mm	1000 mm	700 mm	500 mm
Rated voltage up to	110 kV	40 kV	30 kV	20 kV	10 kV	4 kV	1 kV
Tensile strength	1500 N						
Torsional strength	12,5 Nm						
Mechanical bending strength	150 Nm						

# COVER IN SET



**AXDT 901** 

cover in proper length for version

### EN 62193 EN 60832-1

# Insulating telescopic poles with UDI head





TESTED BY RESEARCH INSTITUTE OF POWER ENGINEERING IN WARSAW

Rated voltage up

110

-440 kV



SCAN ME GO TO WEBSITE

### TECHNICAL SPECIFICATION



**HEAD** 

Ref. no.:	DT 203UDI	DT 200UDI	DT 201UDI	DT 202UDI
Weight	4,84 kg	3,96 kg	2,88 kg	2,04 kg
Maximum length	9374 mm	8180 mm	6476 mm	5023 mm
Minimum length	2356,5 mm	2239,5 mm	1927 mm	1927 mm
Rated voltage up to	440 kV	440 kV	220 kV	110 kV
Ilość członów	5	5	4	3
Tensile strength	1323 N	1323 N	1323 N	1323 N
Torsional strength	12,5 Nm	12,5 Nm	12,5 Nm	12,5 Nm
Mechanical bending strength	438 Nm	371 Nm	276 Nm	194 Nm

# COVER IN SET



**AXDT 901** 

cover in proper length for version

9

### EN 62193 EN 60832-1

# Insulating telescopic poles





**BY RESEARCH INSTITUTE OF POWER ENGINEERING IN WARSAW** 

Rated voltage up

-440 kV



**SCAN ME** GO TO **WEBSITE** 

**TECHNICAL** SPECIFICATION



**Fitting with** 

Ref. no.:	DT 203	DT 200	DT 201	DT 202
Weight	4,68 kg	3,84 kg	2,76 kg	1,92 kg
Maximum length	9296 mm	8076 mm	6398 mm	4946 mm
Minimum length	2180,5 mm	2060,5 mm	1851,5 mm	1850 mm
Rated voltage up to	440 kV	440 kV	220 kV	110 kV
llość członów	5	5	4	3
Tensile strength	1323 N	1323 N	1323 N	1323 N
Torsional strength	12,5 Nm	12,5 Nm	12,5 Nm	12,5 Nm
Mechanical bending strength	434 Nm	365 Nm	271 Nm	190 Nm

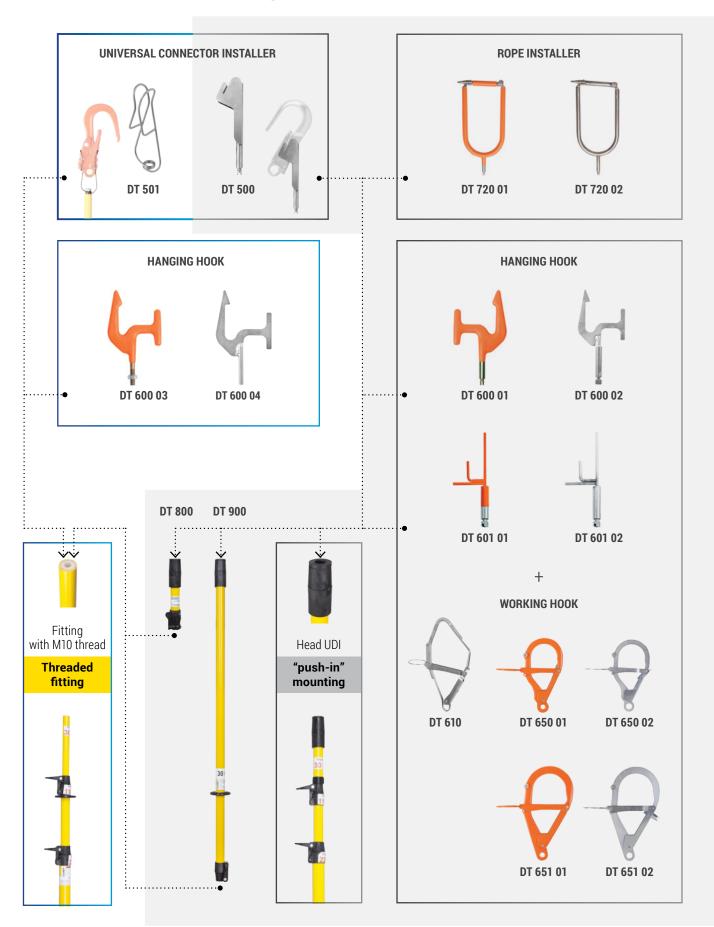
### **COVER IN SET**

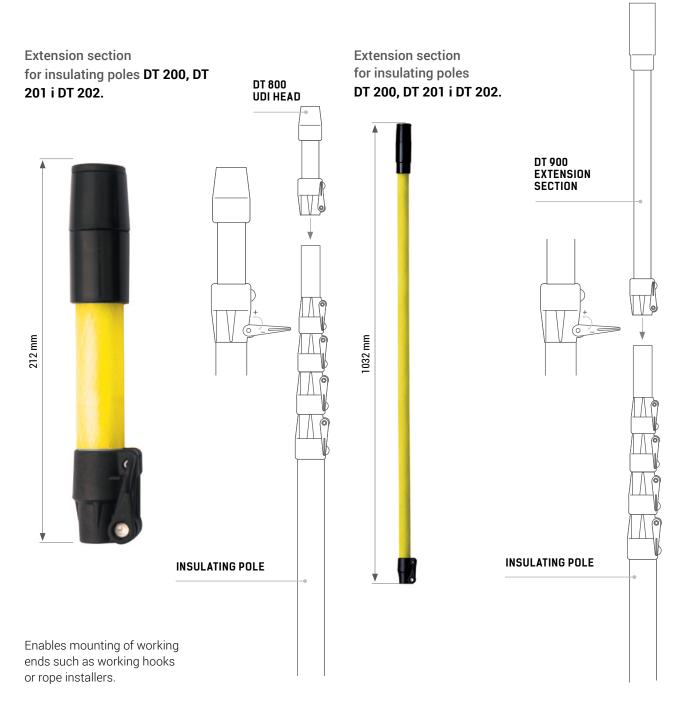


**AXDT 901** 

cover in proper length for version

# Heads and working hooks for insulating poles





### **PARAMETERS**

Dimensions:	Ø 39 x 212 mm
Weight:	~0,20 kg
Material:	pole – glass fibre fittings – PA + 30% glass fibre

REF. NO.:	WEIGHT
DT 800	0,20 kg

Dimensions:	Ø 39 x 1032 mm
Weight:	~0,45 kg
Material:	pole – glass fibre fittings – PA + 30% glass fibre

REF. NO.:	WEIGHT
DT 900	0,45 kg



DT 600 01 "Push-in" mounting



DT 600 03 Threaded fitting



DT 600 02 "Push-in" mounting



DT 600 04 Threaded fitting

Cooperates with working hook DT 610, DT 650 i DT 651 and cable clamp AT 191S.



DT 601 01 - insulated "Push-in" mounting



DT 601 02 - non-insulated "Push-in" mounting

Hanging hook for UDI head or telescopic pole.

DEVICE VERSIONS	WEIGHT
Push-in mounting:	
DT 600 01 - hanging hook - insulated	0,25 kg
DT 600 02- hanging hook - non-insulated	0,20 kg
Threaded fitting M10:	
DT 600 03 - hanging hook - insulated	0,15 kg
DT 600 04 - hanging hook - non-insulated	0,15 kg

Hanging hook for UDI head. Cooperates with working hook DT 610, DT 650 and DT 651 and cable clamp AT 191S.

### **PARAMETERS**

	DT 601 01	DT 601 02
Material:	galvanized steel + PVC	galvanized steel
Weight:	0,20 kg	0,15 kg

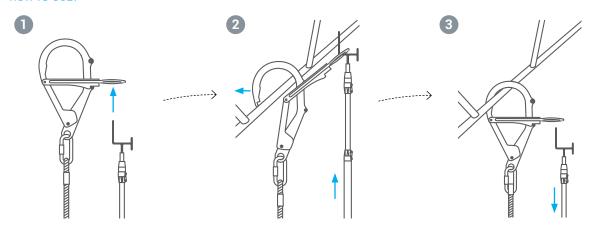
		_	A.I		
R	-1	-	M	11	

DT 601 01 - working hook - insulated
DT 601 02 – working hook – non-insulated

9



### **HOW TO USE?**



### **PARAMETERS**

DT 650 01	DT 650 02	
galvanized steel + PVC	galvanized steel	
65 mm		
0,6 kg 0,5 kg		
	galvanized steel + PVC 65 m	

### **PARAMETERS**

	DT 651 01	DT 651 02	
Material:	galvanized steel + PVC	galvanized steel	
Opening:	85 mm		
Weight:	0,95 kg	0,9 kg	

### REF. NO.:

DT 650 01 - working hook - insulated
--------------------------------------

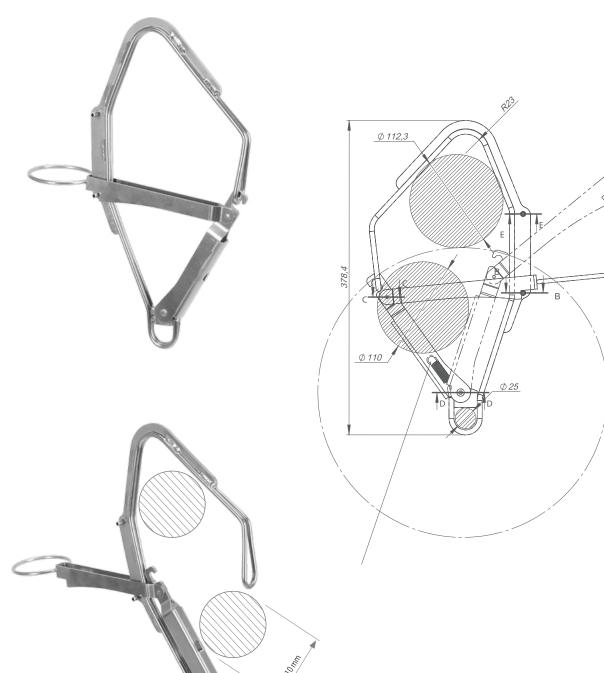
DT 650 02 - working hook - non-insulated

REF. NO.:

DT 651 01 - working hook - insulated

DT 651 02 - working hook - non-insulated

### EN 795:2012 type B



New working hook DT 610 made of stainless steel, with opening 110mm is a connector and a component of fall arrest system. Fitted with gravitational opening locking to ensure safe us of the device.

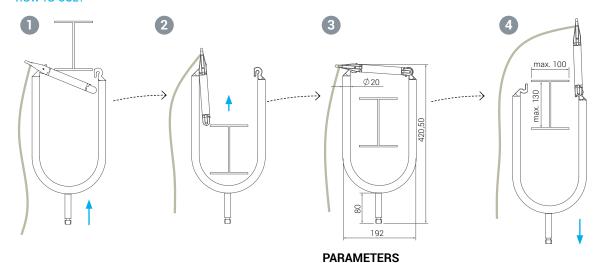
DT 610		
REF. NO.:		
Strength:	25 kN	
Material:	stainless steel	
Weight:	800 g	
Opening:	110 mm	







### **HOW TO USE?**



	DT 720 01	DT 720 02
Material:	stainless steel + PVC	stainless stee
Weight:	1,3 kg	1,1 kg

Rope installer DT 720 with a handle for UDI head of a telescopic pole. Cooperates with telescopic pole DT 200 and head DT 800. Intended for cooperation with a rope 6-10mm dia. Installer is available in insulated and non-insulated version.

REF. NO.:

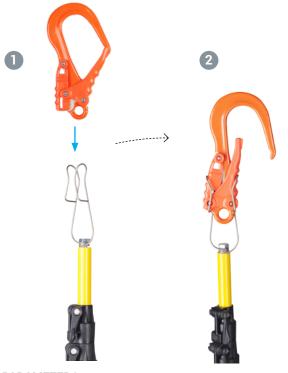
DT 720 01 - insulated

DT 720 02 - non-insulated





### **HOW TO USE?**



### **PARAMETERS**

Weight:	30 g
Material:	stainless steel
REF. NO.:	



### **PARAMETERS**

Material:	polyamide
DEVICE VERSION	
DT 100 - rope ø 8 mm	
DT 100 - rope ø 10,5 mm	
DT 100 - rope ø 12 mm	
DT 100 - rope ø 14 mm	

**DT 750** Auxiliary rope for rope installer

Ref. no.: DT 750



One rope end protected by a film.

Material:	polyamide
DEVICE VERSION	
DT 750 - lina ø 8 mm	

### **EN795 TYP B**



Cable clamp AT 191 S is a component of fall protection equipment. The clamp should be used as a transportable temporary anchor device type B, enabling connection of connecting and absorbing device to a structural anchor point on vertical structures or concrete poles. Cable clamp is formed by a section of stainless steel cable, 8 mm dia and 0.6 to 10m long. The clamp has loops of various diameters at both ends enabling for looping without using any additional connectors. One of the loops is fitted with a polyamide skid to facilitate the rope sliding. The skid provides support for hanging hook. In cooperation with hook DT 601 + DT 800 + DT 200, the skid enables safe assembly on steel or concrete electric poles.

### **PARAMETERS**

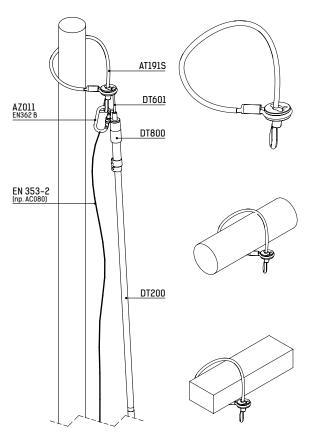
Material:	stainless steel, copper, polyamide
Static strength:	min. 30 kN

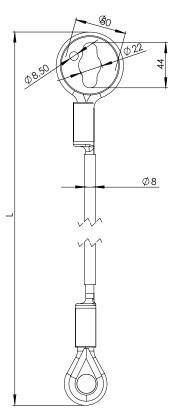
### **SPECIAL FEATURES**



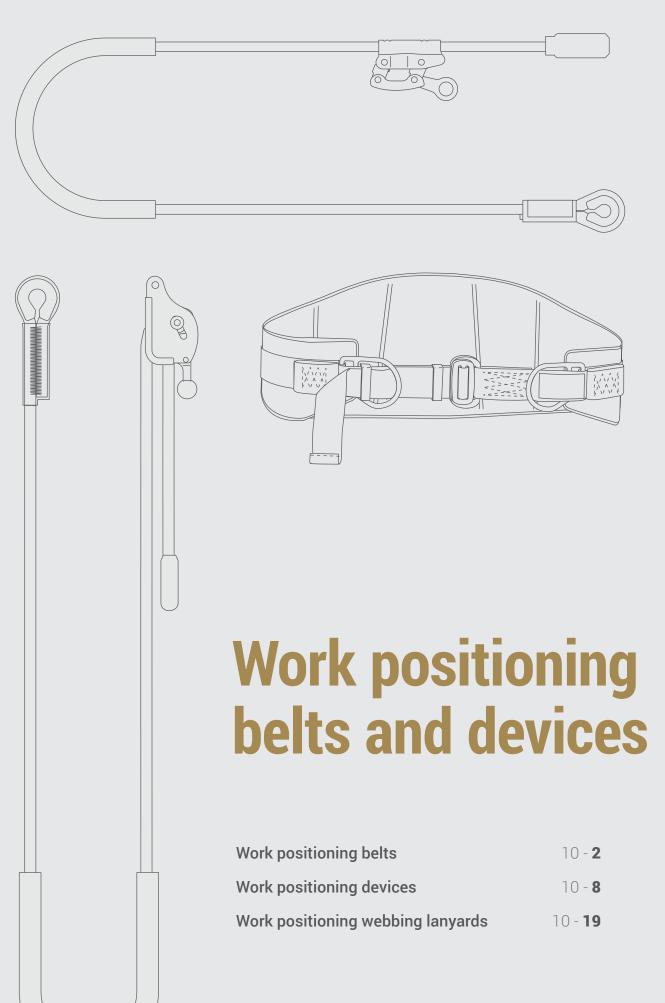


### Installation





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Belt fitted with ergonomically profiled padding, connecting and adjusting buckle and side attachment buckles. Work positioning belt PB 10 complements fall protection equipment and prevents falls from height during works at poles, trees, building structures, etc.

### **PARAMETERS**

Webbing:	polyamide/polyester 45mm
Buckles:	galvanized steel
Threads:	polyester

SIZE	WEIGHT	
M-XL (medium)	460 g	
XXL (large)	480 g	

### **PB 11**

### Work positioning belt



Belt fitted with ergonomically profiled padding, connecting and adjusting buckle, side attachment buckles and dorsal attachment buckle. Work positioning belt PB 11 complements fall protection equipment and prevents falls from height during works at poles, trees, building structures, etc.

Webbing:	polyamide/polyester 45mm
Buckles:	galvanized steel
Threads:	polyester

SIZE	WEIGHT	
M-XL (medium)	470 g	
XXL (large)	490 g	



Belt fitted with ergonomically profiled padding, connecting and adjusting buckle and side attachment buckles. Work positioning belt PB 20 complements fall protection equipment and prevents falls from height during works at poles, trees, building structures, etc.

### **PARAMETERS**

Webbing:	polyamide/polyester 45mm
Buckles:	galvanized steel
Threads:	polyester

SIZE	WEIGHT	
M-XL (medium)	670 g	
XXL (large)	690 g	

**PB 30** 

Work positioning belt

NEW

EN 358 C €



Webbing:	polyamide/polyester 45mm
Buckles:	galvanized steel
Threads:	polyester

SIZE	WEIGHT
M-XL (medium)	710 g
XXL (large)	780 g



### **SPECIAL FEATURES**



PREMITTED TO WORK IN POTENTIALLY EXPLOSIVE AREAS

### **PARAMETERS**

		SIZE
Webbing:	polyamide/polyester 45mm	
Buckles:	galvanized steel	M-XL (medium)
Threads:	polyester	XXL (large)
		AAL (laige)

structures, etc.

connecting and adjusting buckle, side attachment buckles and attachment webbing lanyard. Work positioning belt PB 31 complements fall protection equipment and prevents

falls from height during works at poles, trees, building

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Work positioning belt PB 60 is made from a single polyester webbing strip connected by an aluminium buckle. Fitted with a welt to enable smooth belt length adjustment (length between 0.45m and 2.0m). Chain with steel connector AZ 002 at the end.Work positioning belt PB 60 complements fall protection equipment and prevents falls during works at height.

SIZ

S-XXL (large)

# **PB 70**

### Work positioning belt

EN 358, EN 813

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Belt fitted with ergonomically profiled padding, connecting and adjusting buckle, side attachment buckles and attachment point for work in a harness. Work positioning belt / sit harness PB 70 complements fall protection equipment and prevents falls from height during works at poles, trees, building structures, etc.

Webbing:	polyamide/polyester 45mm
Buckles:	galvanized steel
Threads:	polyester

SIZE	WEIGHT
M-XL (medium)	990 g
XXL (large)	1020 g

EN 358, EN 813

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# WORK POSITIONING BELT WITH SIDE ATTACHMENT BUCKLES ADJUSTING BUCKLE

Work positioning belt for tree climbers TH 20 fitted with ergonomically profiled padding, adjusting buckles, side attachment buckles and attachment point for work in a harness complying with EN 813. The belt includes aluminium adjusting buckles. There is no risk of an accidental release. Belt TH 20 is a basic equipment for works at height, mainly at trees, poles, building structures, etc.

### **PARAMETERS**

Material:		PES, aluminium
REF. NO.:	SIZE	WEIGHT
TH 120 01	M-XL	1450 g
TH 120 02	XXL	1490 g

### TH-30mX

Harness for tree climbers

**ENHANCED** 

(€

### EN 358, EN 813



Work positioning belt for tree climbers TH 30 fitted with ergonomically profiled padding, adjusting buckles, side attachment buckles and attachment point for work in a harness complying with EN 813. The belt includes automatic

connecting and adjusting buckles Comfortable wearing and removal. Belt TH 30 is a basic equipment for works at height, mainly at trees, poles, building structures, etc.

Material:		PES, aluminium
REF. NO.:	SIZE	WEIGHT
TH 130 01	M-XL	1780 g
TH 130 02	XXL	1820 g

EN 358, EN 813



Work positioning belt for tree climbers TH 50 with an integrated seat. Equipped with ergonomically profiled padding, adjusting buckles, side attachment buckles and attachment point for work in a harness complying with EN 813. The belt includes automatic connecting and adjusting buckles Comfortable wearing and removal. Belt TH 50 is a basic equipment for works at height, mainly at trees, poles, building structures, etc.

### **PARAMETERS**

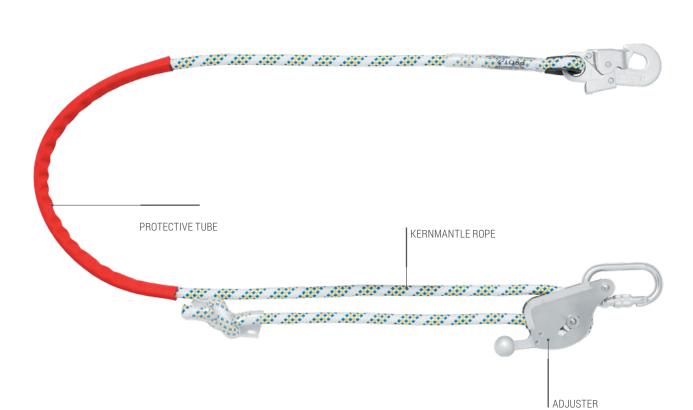
Webbing:	polyamide/polyester 45mm
Buckles:	galvanized steel
Threads:	polyester

REF. NO.:	SIZE	WEIGHT
TH 150 01	M-XL	2500 g
TH 150 02	XXL	2600 g



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EN 358



### **PARAMETERS**

Kernmantle rope:	polyester rope Ø 14mm dia
Adjuster:	stainless steel, connector AZ 011
Protective tube:	coated fabric
Rope ends:	free end, thimble with connector AZ 002

Work positioning device PROT 2 comes with steel connectors AZ 002 (opening: 19mm) and AZ 011 (opening: 18mm).

REF. NO.:	LENGTH
AF 201 020	2,0 m
AF 201 025	2,5 m
AF 201 030	3,0 m
AF 201 040	4,0 m
AF 201 050	5,0 m
AF 201 100	10,0 m
AF 201 200	20,0 m

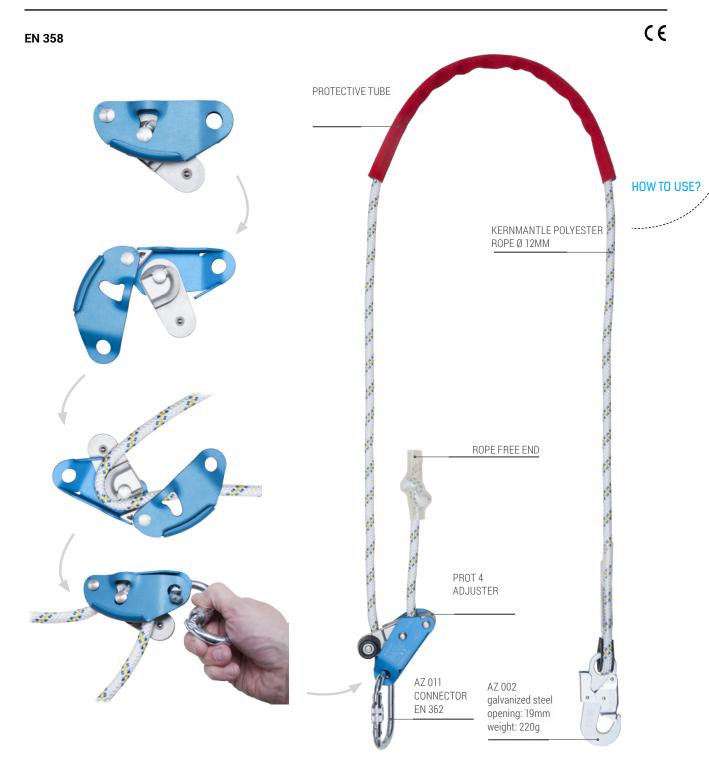
**EN 358** 



Work positioning device PROT 3 comes with steel connectors AZ 002 (opening: 19mm) and AZ 011 (opening: 18mm).

Kernmantle rope:	polyester rope Ø 14mm dia
Adjuster:	aluminium alloy, connector AZ 011
Protective tube:	coated fabricw
Rope ends:	free end, thimble with connector AZ 002

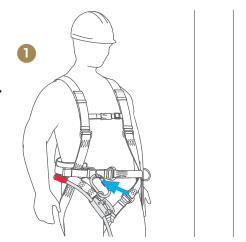
REF. NO.:	LENGTH
AF 130 020	2,0 m
AF 130 025	2,5 m
AF 130 030	3,0 m
AF 130 050	5,0 m
AF 130 100	10 m
AF 130 150	15 m
AF 130 200	20 m



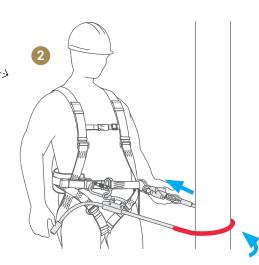
Work positioning device PROT 4 comes with steel connectors AZ 002 (opening: 19mm) and AZ 011 (opening: 18mm).

Kernmantle rope:	kernmantle polyester rope Ø 12mm dia
Adjuster:	aluminium, connector AZ 011
Protective tube:	coated fabric
Rope ends:	free end, thimble with connector AZ 002

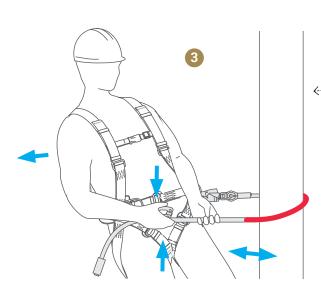
LENGTH	
2,0 m	
2,5 m	
3,0 m	
4,0 m	
5,0 m	
10,0 m	
20,0 m	
	2,0 m 2,5 m 3,0 m 4,0 m 5,0 m

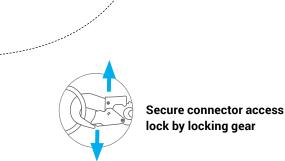


Attach connector with rope adjuster to right attachment buckle on work positioning belt (or to the left for a left-handed user).

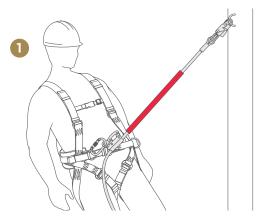


Wrap the rope around a structural element and attach connector with rope adjuster to left attachment buckle on work positioning belt (or to the right for a left-handed user).

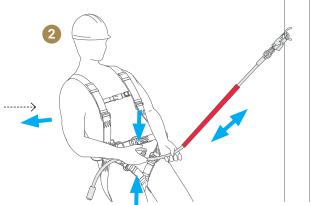




Using rope adjuster, adjust the rope length and tensioning to provide stable working position and limit the user's free fall distance. Free fall distance should not be greater than 0.6m.



Attach connector to anchor point located above the belt.



Using rope adjuster, adjust the rope length and tensioning to provide stable working position and limit the user's free fall distance. Free fall distance should not be greater than 0.6m.

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#### **PARAMETERS**

Kernmantle rope:	polyester twisted rope Ø 16mm dia
Adjuster:	aluminium alloy
Protective tube:	coated fabric
Rope ends:	thimble
REF. NO.:	LENGTH
AF 106 020	2,0 m
AF 106 025	2,5 m
AF 106 030	3,0 m
AF 106 050	5,0 m
AF 106 100	10,0 m
AF 106 150	15,0 m
AF 106 200	20,0 m

# **PROT 10**

#### Work positioning device

EN 358



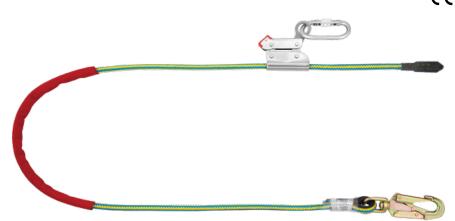
Work positioning device PROT 10 comes with steel connectors AZ 060 (opening: 21mm) and AZ 011 (opening: 18mm).

Kernmantle rope:	polyester kernmantle steel cable, 16mm dia
Adjuster:	chrome-plated steel, connector AZ 011
Protective tube:	coated fabric
Rope ends:	strong aluminium crimps, connector AZ 060

REF. NO.:	LENGTH	
AF 150 200	2,0 m	
AF 150 300	3,0 m	
AF 150 400	4,0 m	
AF 150 500	5,0 m	

**EN 358** 

PROT 10S for work positioning complying with EN 358 with connectors AZ 060 (opening: 21mm) and AZ 011 (opening: 18mm). PROT 10S is fitted with stainless steel adjuster.



#### **PARAMETERS**

Kernmantle rope:	polyester kernmantle steel cable, 16mm dia
Adjuster:	stainless steel, connector AZ 011
Protective tube:	coated fabric
Rope ends:	strong aluminium crimps, connector AZ 060

REF. NO.:	LENGTH
AF 151 200	2,0 m
AF 151 300	3,0 m
AF 151 400	4,0 m
AF 151 500	5,0 m

# **PROT 11**

#### Work positioning device





Work positioning device PROT 11 comes with steel connectors AZ 002 (opening: 19mm) and AZ 011 (opening: 18mm).

Kernmantle rope:	kernmantle polyester rope Ø 12mm dia
Adjuster:	nickel-plated steel, connector AZ 011
Protective tube:	coated fabric
Rope ends:	free end, thimble with connector AZ 002

REF. NO.:	LENGTH
AF 101 020	2,0 m
AF 101 025	2,5 m
AF 101 030	3,0 m
AF 101 050	5,0 m
AF 101 100	10,0 m
AF 101 150	15,0 m
AF 101 200	20,0 m



Work positioning device PROT 22 comes with steel connectors AZ 002 (opening: 19mm) and AZ 011 (opening: 18mm).

#### **PARAMETERS**

Kernmantle rope:	kernmantle polyester rope Ø 12mm dia
Adjuster:	stainless steel, connector AZ 011
Protective tube:	coated fabric
Rope ends:	free end, thimble with connector AZ 002
REF. NO.:	LENGTH
AF 222 020	2,0 m
AF 222 025	2,5 m
AF 222 030	3,0 m
AF 222 050	5,0 m
AF 222 100	10,0 m
AF 222 150	15,0 m
AF 222 200	20,0 m

# PROT 220FLR

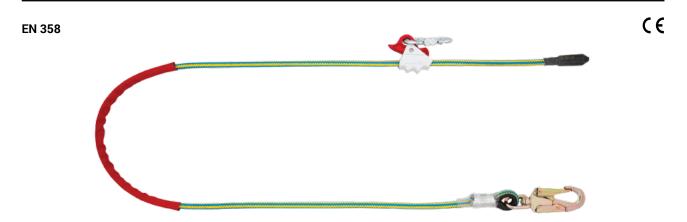
# Work positioning device

EN 358 EN362 EN 358 New work positioning device PROT 220FLR fitted with aramid rope resistant to high temperature provided with protective leather sheath.





Rope:		aramid
Manufacture:		aramid braided core
The diameter of the	e rope:	11,5 mm
Adjustament:		stainless steel, snap hook az011
Rope end:		free ending, a latched eye with AZ 002 snap hook
Rope protective sh	eath:	leather 50 cm
Meets the standard	ls:	EN 358:1999 EN 362:2004 EN 358 P.4.1.5
REF. NO.:	LENGTH	
AF 222 020	2,0 m	
AF 222 025	2,5 m	
AF 222 030	3,0 m	
AF 222 050	5,0 m	
AF 222 100	10,0 m	
AF 222 150	15,0 m	
AF 222 200	20,0 m	



Work positioning device PROT 30 comes with steel connectors AZ 060 (opening: 21mm) and AZ 011 (opening: 18mm).

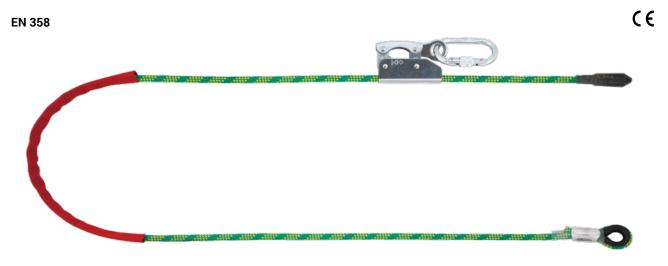
#### **PARAMETERS**

Kernmantle rope:	polyester kernmantle steel cable, 16mm dia
Adjuster:	light alloys, connector AZ 011
Protective tube:	coated fabric
Rope ends:	strong aluminium crimps, connector AZ 060

REF. NO.:	LENGTH
AF 160 200	2,0 m
AF 160 300	3,0 m
AF 160 400	4,0 m
AF 160 500	5,0 m

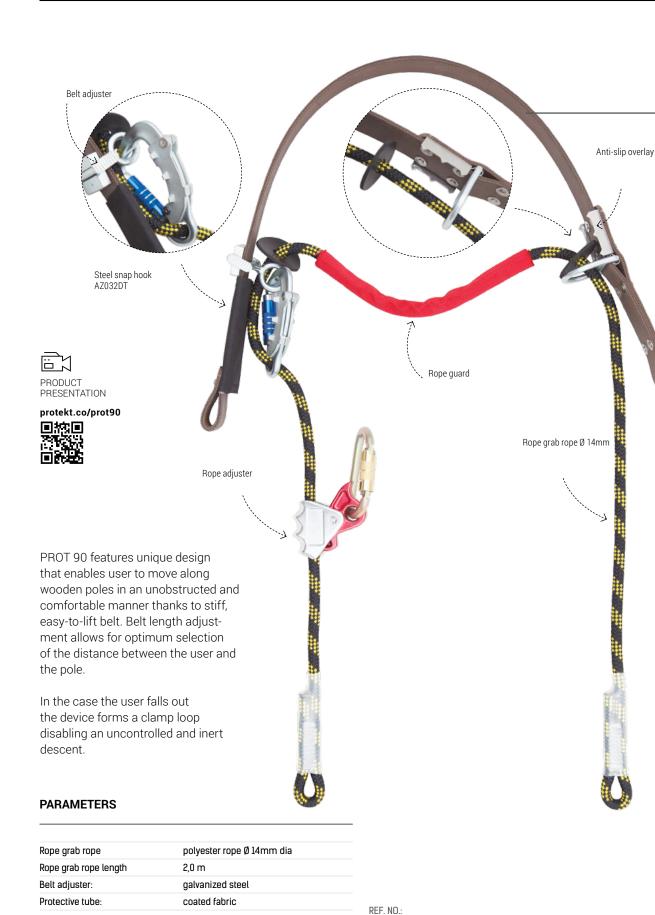
# **PROT 40**

#### Work positioning device



Kernmantle rope:	polyester kernmantle steel cable, 11.4 mm dia
Adjuster:	chrome-plated steel, connector AZ 011
Protective tube:	coated fabric
Rope ends:	strong aluminium crimps

AF 140 200 2,0 m	
AF 140 300 3,0 m	
AF 140 400 4,0 m	
AF 140 500 5,0 m	



1.0m

width 44mm, thickness 6mm, length

AF 190

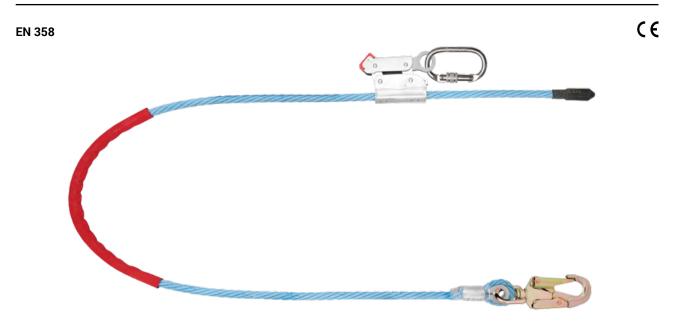
Flat anti-slip strip:





# **PROT 70**

#### Work positioning device



Kernmantle rope:	polypropylene kernmantle twisted steel cable, Ø 16mm dia
Adjuster:	stainless steel, connector AZ 011
Protective tube:	coated fabric
Rope ends:	aluminium crimps, thimble with connector AZ 060

REF. NO.:	LENGTH
AF 170 200	2,0 m
AF 170 300	3,0 m
AF 170 400	4,0 m
AF 170 500	5,0 m



#### **PARAMETERS**

Kernmantle rope:	polyester kernmantle steel cable, 11.4mm dia
Rope ends:	strong aluminium crimps
Protective tube:	coated fabric
REF. NO.:	LENGTH
TU 010 20	2,0 m

(€

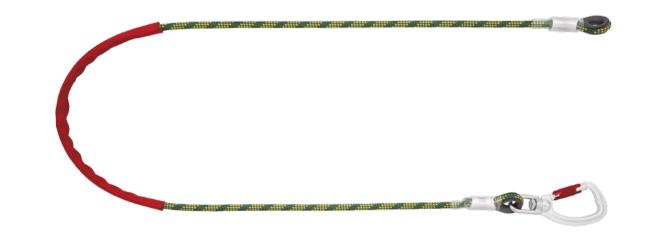
TU 010 30 3,0 m

TU 010 40 4,0 m

TU 010 50 5,0 m

**TU 011** 

Work positioning device



Kernmantle rope:	polyester kernmantle steel cable, 11.4mm dia
Rope ends:	strong aluminium crimps, one end with alumi- nium connector AZO32DT with triple locking gear equipped with swivel shackle
Protective tube:	coated fabric

REF. NO.:	LENGTH	
TU 011 20	2,0 m	
TU 011 30	3,0 m	
TU 011 40	4,0 m	
TU 011 50	5,0 m	

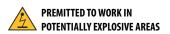
**EN 358** 

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#### **SPECIAL FEATURES**



Work positioning webbing lanyard with adjustable length, max. length 2m.

#### **PARAMETERS**

Webbing width: 30 mm

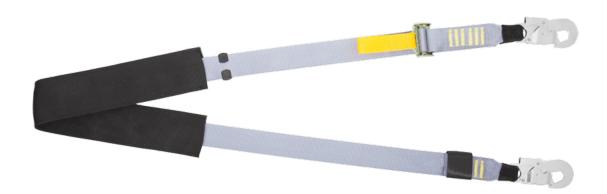
REF. NO.:

AF 500 without connectors

AF 500 with two connectors AZ 011

# AF 600, AF 610

Work positioning webbing lanyard



Work positioning webbing lanyard with adjustable length, max. length 300cm.

AF 600 - STEEL BUCKLE

AF 600 without connectors

AF 600 with two connectors AZ 002

#### **PARAMETERS**

Webbing width: 45 mm

AF 610 - ALUMINIUM BUCKLE

AF 610 without connectors

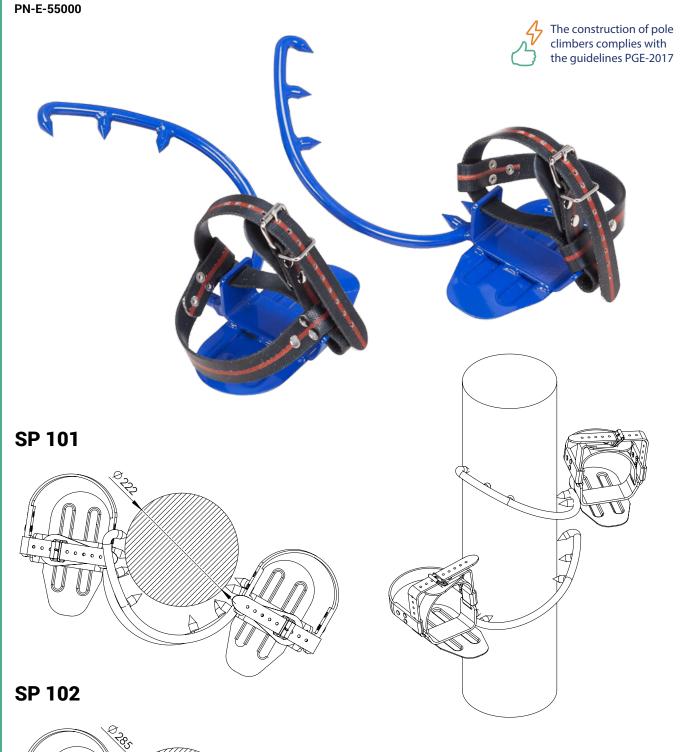
AF 610 with two connectors AZ 002



# Pole climbers and tree climbing spikes

Pole climbers	11 - 2
Spare parts for pole climbers	11 - <b>7</b>
Tree climbing spikes	11 - 8
Spare parts for tree climbing spikes	11 - 11







Manufacture:	frame - powder-coated s straps - waterproof coate	
REF. NO.		PAIR WEIGHT
SP 101	for wooden poles D-20	3,0 kg
SP 102	for wooden poles D-30	3,2 kg



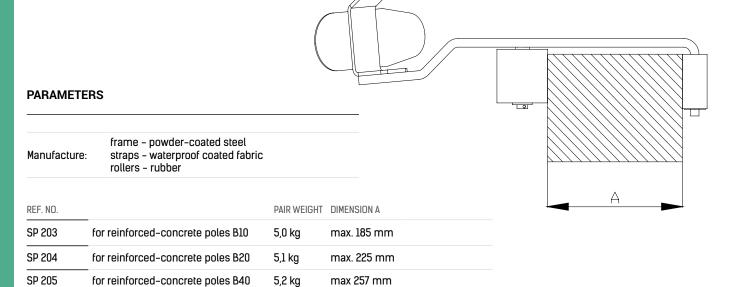
Pole climbers for wooden poles type D with variable adjustment are suitable for use on wooden poles sized 130–300mm. The device is fitted with replaceable hardened steel spikes.

Manufacture:	frame - powder-coated steel straps - waterproof coated fabric	
REF. NO.	PAIR WEIGHT	
SP 103	6,30 kg	



SP 203, SP 204, SP 205













#### PN-E-55000



#### **PARAMETERS**

Manufacture:

frame - powder-coated steel straps - waterproof coated fabric

rollers - rubber

Pole climbers type B0r-340/220 for spun poles, 220-340mm dia.

#### Suitable for pole types:

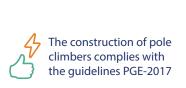
E10,5/2,5; E10,5/4,3; E10,5/10; E10,5/12; E12/2,5; E12/4,3; E13,5/2,5; E13,5/4,3; E15/2,5; E15/4,3 and adequate EPV poles.

REF. NO.	PAIR WEIGHT
SP 401	7,60 kg

# **SP 402**

#### Pole climbers for spun poles

#### PN-E-55000



#### **PARAMETERS**

Manufacture:

frame - powder-coated steel

straps - waterproof coated fabric

rollers - rubber

Pole climbers type B0r-400/280 for spun poles, 280-400mm dia.

Suitable for pole types:

E12/10; E12/12; E13,5/10; E13,5/12; E15/10; E15/12 and adequate EPV poles.

REF. NO.	PAIR WEIGHT	
SP 402	8,00 kg	

# **Spare parts for pole climbers**

SP 101 SP 203 SP 204 SP 401
REF. NO. SP 102 SP 103 SP 205 SP 402



SP 011

Roller, small 1 pce

SP011



**SP 012** 

Roller, large 1 pce

SP012



**SP 021** 

Strap for pole climbers SP021 •

1 pce



**SP 030** 

Spike, long 2 pcs

SP030

PROTEKT



# Parameters



Spacer mesh for comfort and ventilation

Adjustment straps trimmed with soft softshell

Ergonomic codura pads with sewn-in plastic stabilizing reinforcement

Smooth adjustment of the pads in the range of 33-48 cm from the foot level

Bottom fastener adjustment

Weight of the pair 3,16 kg

Length spike 6 cm

# Color variants







BACKPACK FOR TRANSPORT CLIMBING IRONS



# Accesories

COLOR OF ACCESSORIES IS COMPATIBLE WITH THE CLIMBING IRONS VARIANTS NUMBER

**DR 1001**INTERCHANGEABLE
TOP TEXTILE STRAPS



**DR 1003**REMOVABLE PADS
COVERING THE CALF



**DR 1002**INTERCHANGEABLE
BOTTOM TEXTILE STRAPS



**DR 1004**SPIKE
PROTECTION GUARDS







Steel climbing spikes with soft calf padding. Comes with two replaceable heat-hardened steel spikes (short and long).

Steel climbing spikes with adjustable soft calf padding height and replaceable heat-hardened steel spike.

#### **PARAMETERS**

Manufacture:	frame – powder-coated steel straps – waterproof coated fabric padding – leather and felt	
REF. NO.:	PAIR WEIGHT	
SP 501	3,75 kg	

Manufacture:	frame – powder–coated steel straps – waterproof coated fabric padding – leather and felt	
REF. NO.:	PAIR WEIGHT	
SP 505	3,80 kg	



Aluminium climbing spikes with adjustable calf padding height. Comes with two replaceable heat-hardened steel spikes (short and long).

Steel climbing spikes with adjustable calf padding height (additionally the padding is fitted with leg stabilising plate) and replaceable heat-hardened steel spike.

#### **PARAMETERS**

Manufacture:	frame - aluminium straps - waterproof coated fabric padding - leather and felt	
REF. NO.:	PAIR WEIGHT	
SP 502	2,56 kg	

Manufacture:	frame - powder-coated steel straps - waterproof coated fabric padding - leather and felt	
REF. NO.:	PAIR WEIGHT	
SP 506	3,85 kg	







Aluminium climbing spikes with adjustable calf padding height, additionally the padding is fitted with leg stabilising plate, pivotally connected to bow element. Comes with two replaceable heat-hardened steel spikes (short and long).

Steel climbing spikes with soft calf padding. Comes with two replaceable heat-hardened steel spikes (short and long).

#### **PARAMETERS**

Manufacture:	frame -aluminium straps - waterproof coated fabric padding - leather and felt	
REF. NO.:	PAIR WEIGHT	
SP 503	2,76 kg	

Manufacture:	frame - powder-coated steel straps - waterproof coated fabric padding - leather and felt	
REF. NO.:	PAIR WEIGHT	
SP 504	4,80 kg	

# **Spare parts for tree climbing spikes**

		REF. NO.:	DR 1	DR 2	DR 2A	DR 3	DR 3A	DR 4
***	SP 051 Spike, short - kit	SP051			•		•	
入人	SP 052 Spike, long - kit	SP052			•		•	
从	SP 053 Spike, short - kit	SP053	•	•		•		•
入人	SP 054 Spike, long - kit	SP054	•	•		•		•
<b>6</b> 20:	SP 060 Lower strap assembly	SP060	•	•	•	•	•	•
<u> </u>	<b>SP 061</b> Strap, long	SP061	•	•	•	•	•	•
**	SP 062 Lower mounting strap, long	SP062	•	•	•	•	•	•
	SP 063 Lower mounting strap, short	SP063	•	•	•	•	•	•
	SP 064 Attachment ring	SP064	•	•	•	•	•	•
YY	SP 065 Spike covers	SP065	•	•	•	•	•	•
	SP 070 Stiffened calf padding	SP070				•	•	•
	SP 071 Padding, left	SP071	•	•	•			
	SP 072 Padding, right	SP072	•	•	•			
	SP 073 Padding reinforcement	SP073				•	•	•
	SP 080 Sleeve	SP080		•	•	•	٠	





Dimensions:	470 x 320 x 160 mm	
Material:	reinforced PVC	
REF. NO.:		
AX 023		

# Anchor points and devices

Anchor points	12 - <b>2</b>
Anchor devices	12 - 30
Horizontal anchor lanyards and lines	12 - <b>53</b>
Webbing slings and portable anchor points	12 - 61
Anchor systems and devices	12 - 68





Anchor post PROTON 1 can be installed on roofs, terraces, platforms and beams. It is fitted with a three-hole plate enabling connection of personal fall protection equipment. The device complies with EN 795 type A.

Comes with 4x mechanical anchors.

#### **PARAMETERS**

20 cm, 30 cm, 40 cm
hot-dip galvanized steel
28 kN

#### **SPECIAL FEATURES**



REF. NO.:	HEIGHT
PROTON 1 200	200 mm
PROTON 1 300	300 mm
PROTON 1 400	400 mm

# Mounting kit with retaining plate

HL~705 / Post retaining plate



#### **PARAMETERS**

Material:	hot-dip galvanized steel
Plate base dimensions:	23 x 23 cm
Mounting hole spacing:	140 - 180 mm

REF. NO.:

HL 705

#### HL 910 / Mounting kit



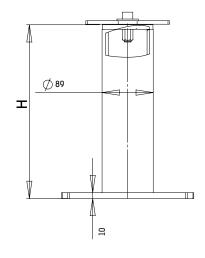
Materiał:	stainless steel	
materiat:	staintess steet	

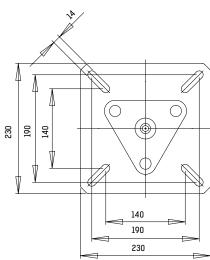
REF. NO.:	LENGTH	QUANTITY
HL 910 125	125 mm	kit 4 pcs
HL 910 250	250 mm	kit 4 pcs
HL 910 500	500 mm	kit 4 pcs
HL 910 1000	1000 mm	kit 4 pcs

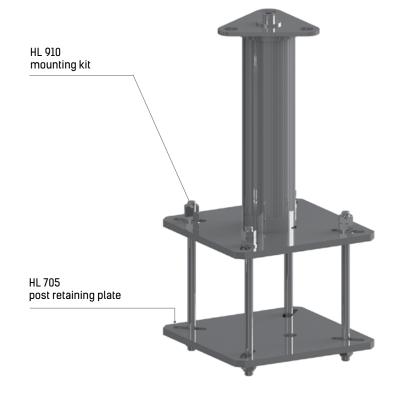
# **Example installation of post PROTON 1**

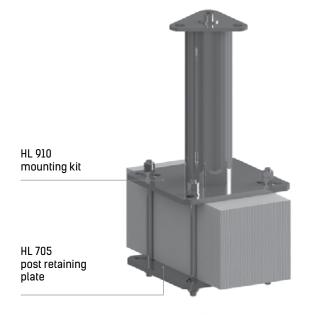
PROTON 1 installed using retaining plate and mounting kit (HL 705 + HL 910).

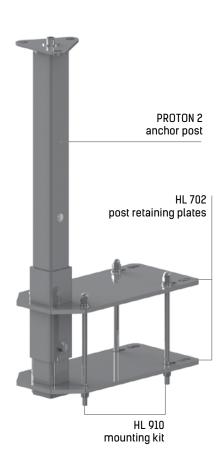
#### **DIMENSIONS**











Anchor post PROTON 2 can be installed on roofs, terraces, platforms and beams. It is fitted with a three-hole plate enabling connection of personal fall protection equipment. The device complies with EN 795 type A.

#### **PARAMETERS**

U. 1
Height variants: 50 cm, 80 cm, 110 cm, 140 cr
Material: hot-dip galvanized steel
Maximum strength: 28 kN

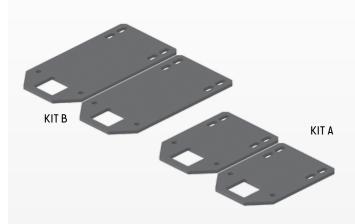
#### **SPECIAL FEATURES**





# Mounting kit with retaining plate

 $HL\ 702$  / Two sizes of post retaining plates



#### **PARAMETERS**

Material:	hot-dip galvanized steel

 $HL\ 910$  / Mounting kit - 4 pcs kit

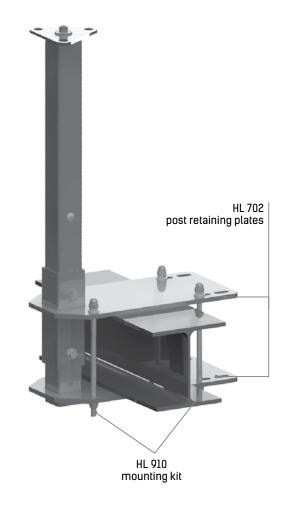


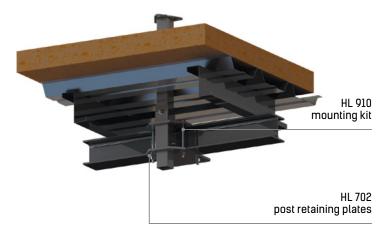
Material:	stainless steel	

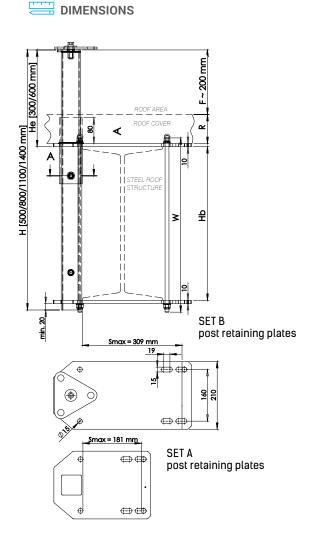
REF. NO.:	HEIGHT	
PROTON 2 500	500 mm	
PROTON 2 800	800 mm	
PROTON 2 1100	1100 mm	
PROTON 2 1400	1400 mm	

# **Example installation of post PROTON 2**

PROTON 2 installed using retaining plate and mounting kit (HL 702 + HL 910).







Н	Не	Hb min	Hb max	W max	Hb max using mounting kit HL910
500	300		300	300	300
000	300	100	300	300	300
800	600		600	600	600
1100	300	120	300	300	300
1100	600		600	600	600
1400	300		300	300	300
1400	600		600	600	600

H - post height He - post height above roof steel structure Hb - roof steel structure height W - HL 910 mounting defined length R - roofing thickness F - recommended post height above roof surface

**ANCHOR POINTS AND DEVICES** 

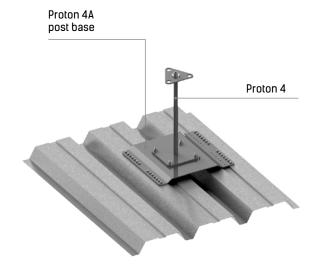
12



#### **Example installation of post PROTON 4**

PROTON 4 installed using screws to trapezoidal sheeting.





Proton 4 is an anchor device complying with EN 795 type A. It is and anchor point for personal fall protection equipment. Proton 4 is intended for mounting directly to trapezoidal steel sheet roofing, if the sheet is an outer cover, and also if covered with an insulation material. With various configurations of the post the product can be used for a wide range of metal sheets.

#### **PARAMETERS**

Height variants:	43 cm
Material:	stainless steel AISI 304
Minimum strength:	14 kN

#### **SPECIAL FEATURES**







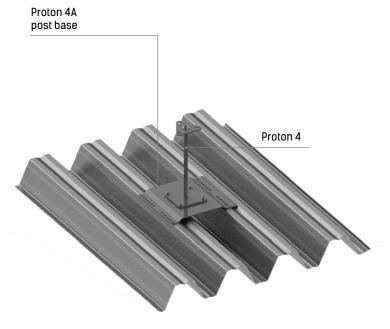
Protection for up to 3 people.



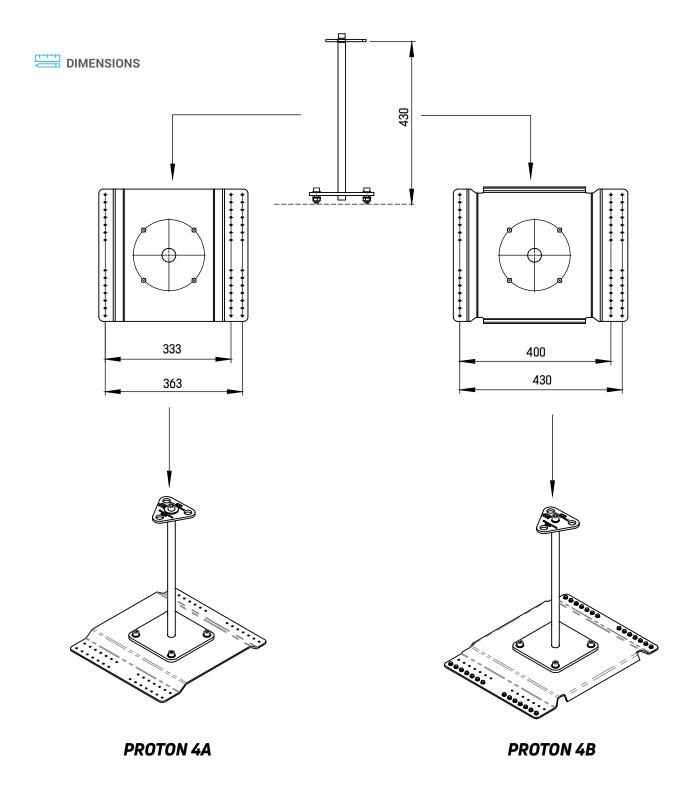
PREMITTED TO WORK IN POTENTIALLY EXPLOSIVE AREAS

REF. NO.:

PROTON 4



# **Dimensions and variants of post PROTON 4**



Comes with 4x mechanical anchors.

#### **PARAMETERS**

Height variants:	50 cm, 80 cm, 110 cm, 140 cm
Material:	hot-dip galvanized steel
Maximum strength:	28 kN

#### **SPECIAL FEATURES**









PREMITTED TO WORK IN POTENTIALLY EXPLOSIVE AREAS

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# Mounting kit with retaining plate

HL 705 / Post retaining plate



#### **PARAMETERS**

Material:	hot-dip galvanized steel
Plate base dimensions:	23 x 23 cm
Mounting hole spacing::	140 - 180 mm

NR KAT.:

HL 705

HL 910 / Mounting kit

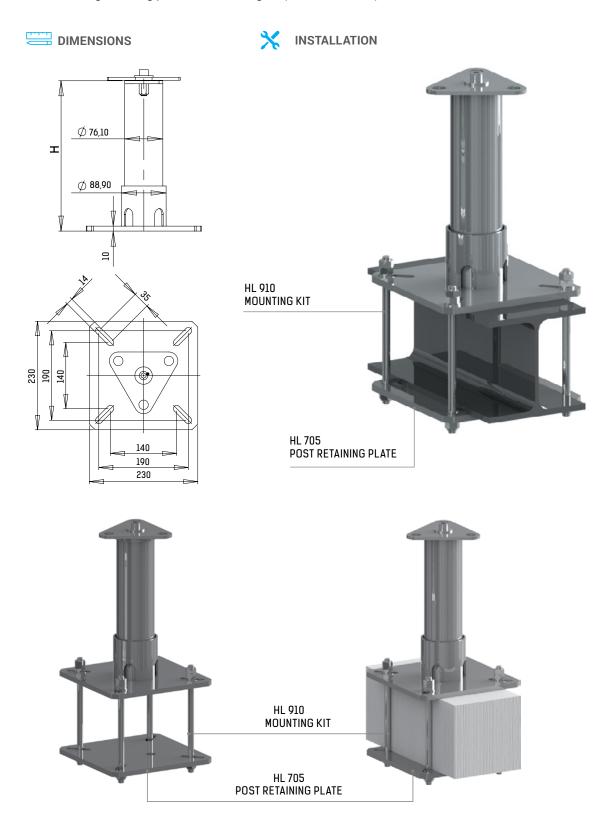


stainless steel	
	stainless steel

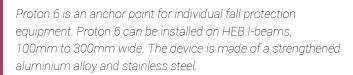
REF. NO.:	HEIGHT	QUANTITY	
HL 910 125	125 mm	4 pcs kit	
HL 910 250	250 mm	4 pcs kit	
HL 910 500	500 mm	4 pcs kit	
HL 910 1000	1000 mm	4 pcs kit	

# **Example installation of post PROTON 5**

PROTON 5 installed using retaining plate and mounting kit (HL 705 + HL 910).







Two Proton 6 devices can be used as an anchor point for horizontal webbing AE 320.

#### **PARAMETERS**

Minimum working height:	min. 1,75 m	
Material:	aluminium	
Weight:	~15 kg	
Maximum strength:	28 kN	

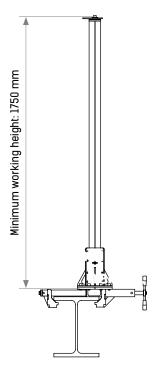
#### **SPECIAL FEATURES**

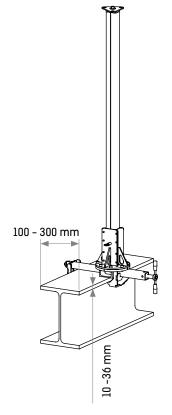


REF. NO.:

PROTON 6 (post + clamp kit)





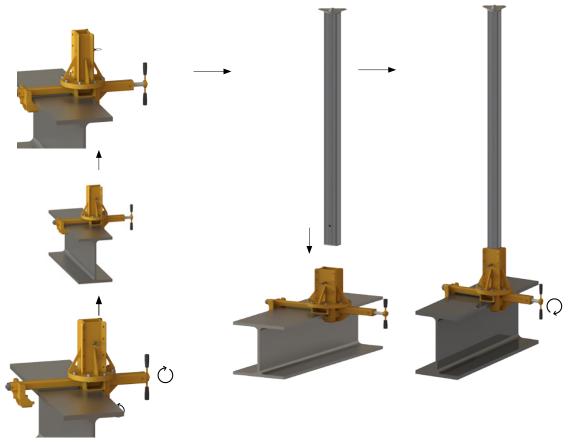


# **Example installation of post PROTON 6**

PROTON 6 mounted on HEB beam



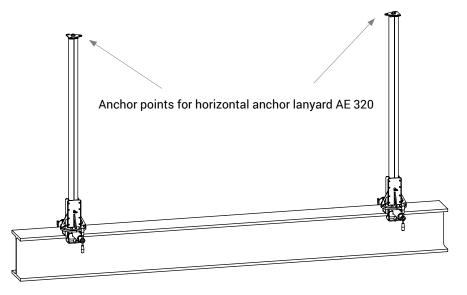
INSTALLATION





**EXAMPLE USE** 

Proton 6 as an anchor point for horizontal anchor lanyard AE 320







Anchor point is an anchor device mounted on a permanent structure.

#### **SPECIAL FEATURES**



#### **PARAMETERS**

Material:	aluminium	
Dimensions:	135 x 64 x 62 mm	
Weight:	0,31 kg	
Static strength:	min. 12 kN	



#### **PS 150**

Rubber pad PS 150 for anchor AT 150 to be used on uneven and porous concrete surfaces.

#### **PARAMETERS**

Material:	EPDM rubber
Dimensions:	62 x 135 x 2,8 mm
Weight:	19 g

# Kit AT 150 001

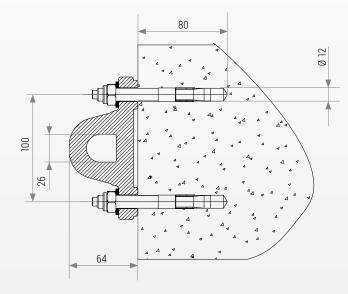
#### installation on concrete

AT 150

+ stainless steel segment anchors M12/25/45



#### INSTALLATION





THE KIT COMPRISES

1 x AT 150





2 x M12/25/45



# Kit AT 150 002

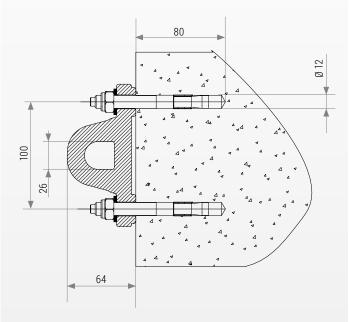
# installation on concrete

AT 150

+ galvanized steel segment anchors M12/25/45



#### INSTALLATION





THE KIT COMPRISES



# Kit AT 150 003

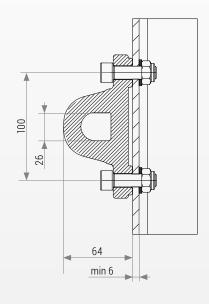
# installation on steel profile

AT 150

+ screws M12x40 + washer M12 + self-locking nut M12



#### INSTALLATION





THE KIT COMPRISES



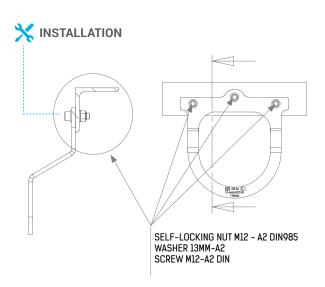


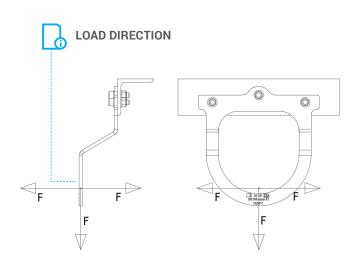
2 x M12x40











# **PARAMETERS**

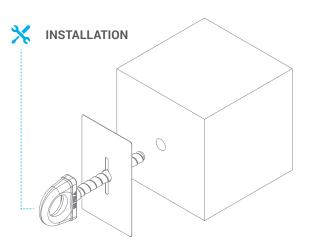
Weight:	2,25 kg
Material:	stainless steel
Dimensions:	300 x 296 x 98 mm
Static strength:	min. 12 kN

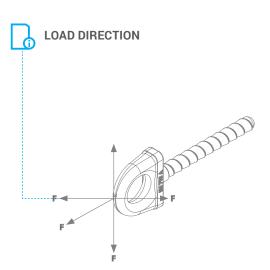
#### Anchor point AT 151 for concrete is intended for anchoring personal fall protection equipment. The anchor can be installed on steel or concrete structural slabs.



#### ( ( **EN 795 TYPE A** Ref. no.: **AT 152**







#### Anchor point AT 152 for concrete is intended for anchoring personal fall protection equipment. The anchor can be installed also in "green" concrete during its casting or using chemical anchors.

#### **SPECIAL FEATURES**



#### **PARAMETERS**

Weight:	0,35 kg
Material:	hot-dip galvanized steel
Dimensions:	173 x 60 x 20 mm
Static strength:	min. 12 kN

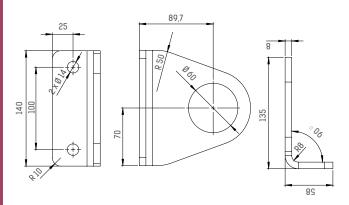
**EN795 TYPE A** 

Ref. no.: AT 153

# AT 153



#### **DIMENSIONS**



Anchor point is an anchor device mounted on a permanent structure.

#### **PARAMETERS**

Dimensions:	140x135x58 mm
Sheet thickness:	8 mm
Material:	stainless steel AISI 304
Weight:	1,1 kg (without anchors/screws)
Breaking strength:	min. 32 kN

#### **SPECIAL FEATURES**



# Kit AT 153 001

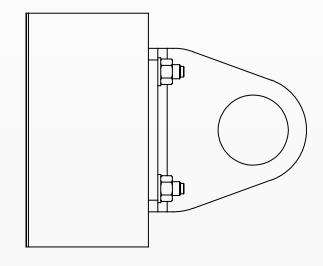
# installation on concrete

#### AT 153

+ stainless steel segment anchors M12/25/45



#### INSTALLATION





1 x AT 150





2 x M12/25/45

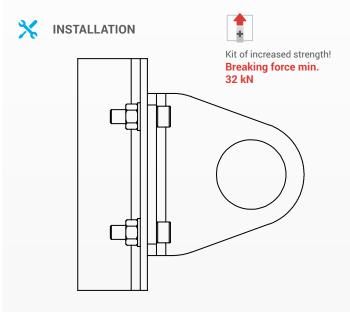


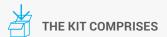
# Kit AT 153 002

# installation on steel profile

AT 153

+ screws M12x40 + washers + self-locking nuts M12





1 x AT 150



2 x M12x40

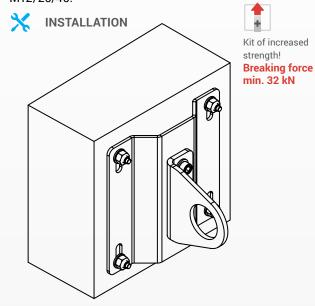


# Kit AT 153 003

#### installation on concrete

AT 153

+ screws M12x40 + stainless steel segment anchors M12/25/45.



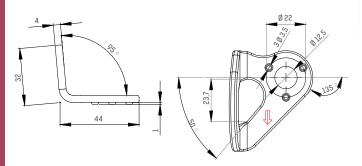








#### **DIMENSIONS**



Anchor point is an anchor device mounted on a permanent structure.

#### **PARAMETERS**

Dimensions:	56 x 48 x 35 mm
Material:	stainless steel AISI 304
Weight:	65 g
Breaking strength:	min. 12 kN
Mounting hole:	ø 12,5

#### **SPECIAL FEATURES**



# Kit AT 181 001

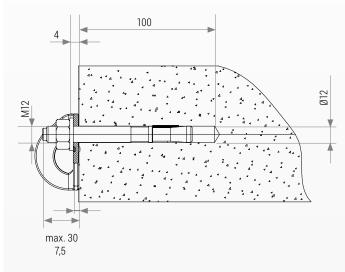
#### installation on concrete

AT 180

+ stainless steel segment anchor



#### INSTALLATION



# THE KIT COMPRISES







1 x M12/25/45



**ANCHOR POINTS AND DEVICES** 

# Kit AT 181 002

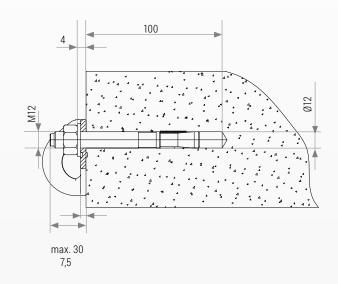
# installation on concrete

AT 180

+ galvanized steel segment anchor



#### INSTALLATION





#### THE KIT COMPRISES







# Kit AT 181 003

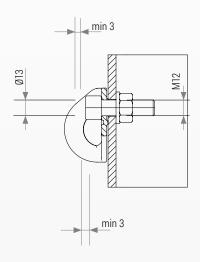
# installation on steel profile

AT 180

+ screw M12x40 + washer M12 + self-locking nut M12



#### INSTALLATION





#### THE KIT COMPRISES



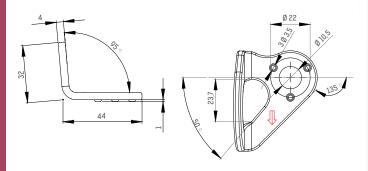
1 x M12x40



# **AT 181**



#### **DIMENSIONS**



Anchor point is an anchor device mounted on a permanent structure.

#### **PARAMETERS**

Dimensions:	56 x 48 x 35 mm
Material:	stainless steel AISI 304
Weight:	65 g
Breaking strength:	min. 12 kN
Mounting hole:	ø 10,5
-	

#### **SPECIAL FEATURES**



# Kit AT 181 001

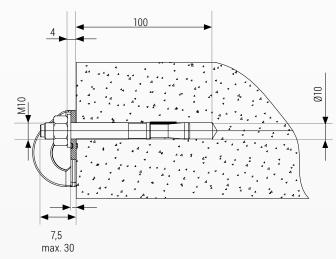
#### installation on concrete

AT 181

+ stainless steel segment anchor



#### INSTALLATION



#### THE KIT COMPRISES







12

# Kit AT 181 002

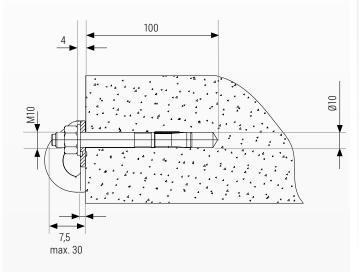
# installation on concrete

AT 181

+ galvanized steel segment anchor



#### INSTALLATION













# Kit AT 181 003

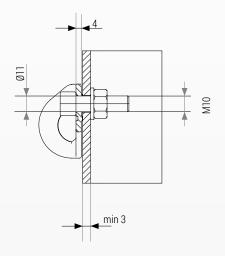
# installation on steel profile

AT 181

+ screw M12x40 + washer M12 + self-locking nut M12



#### INSTALLATION





1 x AT 181



1 x M12x40



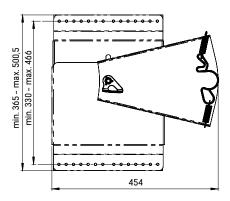


#### **EN795 TYPE A**

Ref. no.: AT 182-01



#### **DIMENSIONS**



Anchor point is an anchor device mounted on a permanent structure.

#### **PARAMETERS**

Material:	stainless steel AISI 304
Weight::	4,5 kg
Breaking strength:	min. 12 kN
Mounting hole:	ø 12,5

#### **SPECIAL FEATURES**

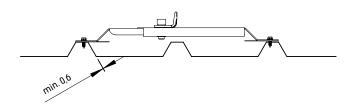


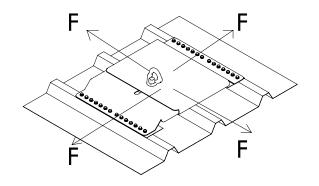
REF. NO.:

AT 182-01



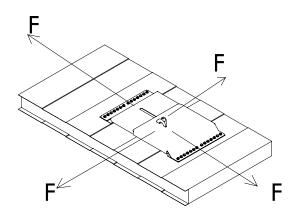
**INSTALLATION ON TRAPEZOIDAL SHEET** 





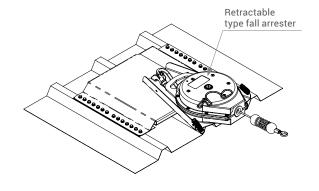


**INSTALLATION ON PERMANENT STRUCTURE** 





**EXAMPLE USE** 

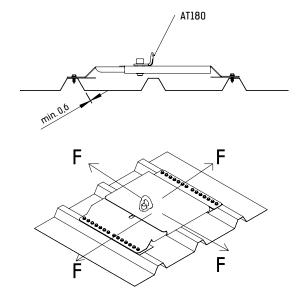


**EN 795 TYPE A** 

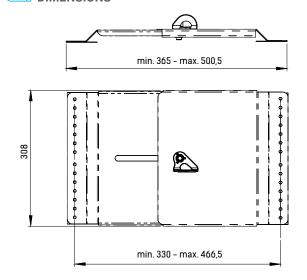
Ref. no.: **AT 182-02** 

12

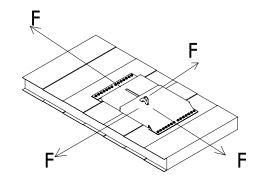




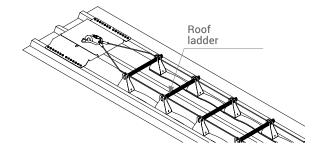
# **DIMENSIONS**



X INSTALLATION ON PERMANENT STRUCTURE



**EXAMPLE USE** 



Anchor point is an anchor device mounted on a permanent structure.

#### **SPECIAL FEATURES**



REF. NO.:

AT 182-02



# **ANCHOR POINTS AND DEVICES**

12

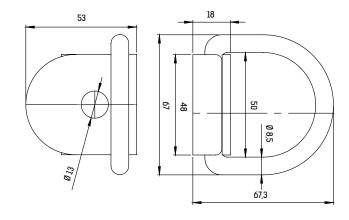
**EN795 TYPE A** 

Ref. no.: **AT 183** 

# AT 183



#### DIMENSIONS



Anchor point is an anchor device mounted on a permanent structure.

#### **PARAMETERS**

Material:	stainless steel AISI 304
Breaking strength:	min. 12 kN
Mounting hole:	ø 13

#### **SPECIAL FEATURES**



REF. NO.:

AT 183

# Kit AT 183 001

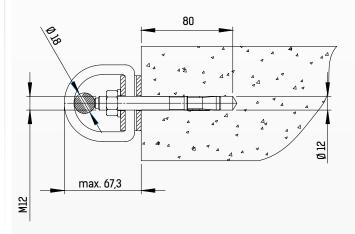
# installation on concrete

AT 183

+ stainless steel segment anchor



# INSTALLATION





1 x AT 183



1 x M12/25/45



REF. NO.:

AT 183 01

# Kit AT 183 002

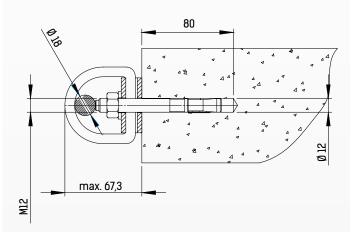
# installation on concrete

AT 183

+ galvanized steel segment anchor



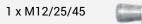
# **X** INSTALLATION



# THE KIT COMPRISES









AT 183 002

# Kit AT 183 003

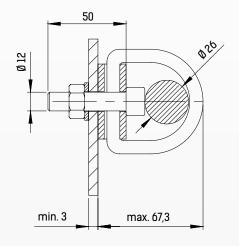
# installation on steel profile

AT 183

+ screw M12x50 + washer M12 + self-locking nut M12



#### INSTALLATION







1 x M12x50	
------------	--



REF. NO.:

AT 183 003



Connecting lanyard AT 192 is a component of personal fall protection equipment. The lanyard should be used as a permanent anchor device type A, enabling connection of connecting and absorbing device to a structural anchor point. Connecting lanyard is formed by a stainless steel cable, 5mm dia. Device length from 0.35 to 5.0m. Fitted with a galvanized steel handle.

#### **PARAMETERS**

Material:	stainless steel + galvanized steel
Breaking strength:	min. 12 kN

#### **SPECIAL FEATURES**



REF. NO.:	AT 192 LENGTH	
AT 192 035	350 mm	
AT 192 100	1000 mm	
AT 192 200	2000 mm	
AT 192 300	3000 mm	
AT 192 400	4000 mm	
AT 192 500	5000 mm	
AT 192 xxx - any length from	0.35 to 5.0m as ordered	

# Kit AT 192 XXX 001

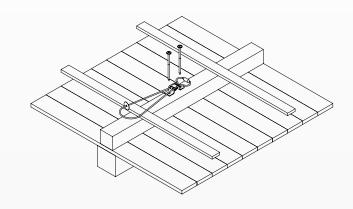
# assembly on wooden structures

AT 192

+ galvanized steel wood screw



**X** INSTALLATION





1 x AT 192



2 x



REF. NO.:	AT 192 LENGTH
AT 192 035 001	350 mm
AT 192 100 001	1000 mm
AT 192 200 001	2000 mm
AT 192 300 001	3000 mm
AT 192 400 001	4000 mm
AT 192 500 001	5000 mm
·	

# Kit AT 192 XXX 002

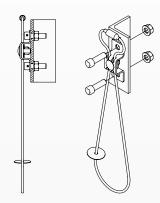
# installation on steel profile

AT 192

+ screw M12x40-70 A2 + washer M12 + self-locking nut M12



# **X** INSTALLATION





1 x AT 192



2 :	x I	M1	2x4	-0-7	70	A2



REF. NO.:	AT 192 LENGTH
AT 192 035 002	350 mm
AT 192 100 002	1000 mm
AT 192 200 002	2000 mm
AT 192 300 002	3000 mm
AT 192 400 002	4000 mm
AT 192 500 002	5000 mm

# Kit AT 192 XXX 003

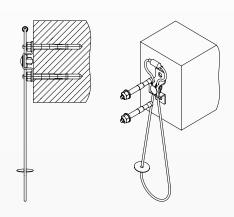
# assembly on wooden structures

AT 192

+ galvanized steel segment anchor



# **X** INSTALLATION





# THE KIT COMPRISES

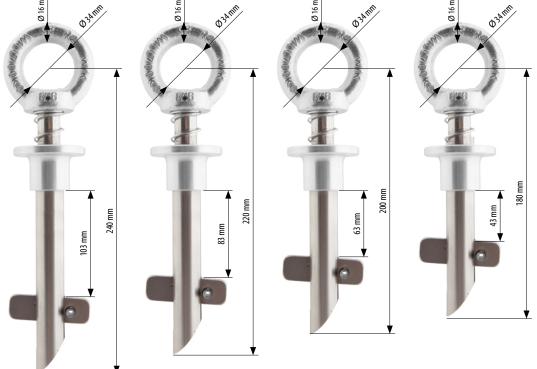


2 x M12x40



REF. NO.:	AT 192 LENGTH
AT 192 035 003	350 mm
AT 192 100 003	1000 mm
AT 192 200 003	2000 mm
AT 192 300 003	3000 mm
AT 192 400 003	4000 mm
AT 192 500 003	5000 mm

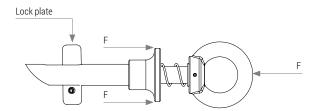
# EN 795 TYPE B Ref. no.: AT 020 ( €



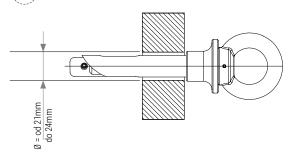


#### INSTALLATION

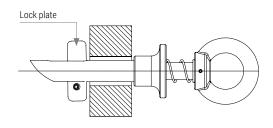




2 Put anchor point in bore hole



Make sure that lock plate disables the anchor point removal

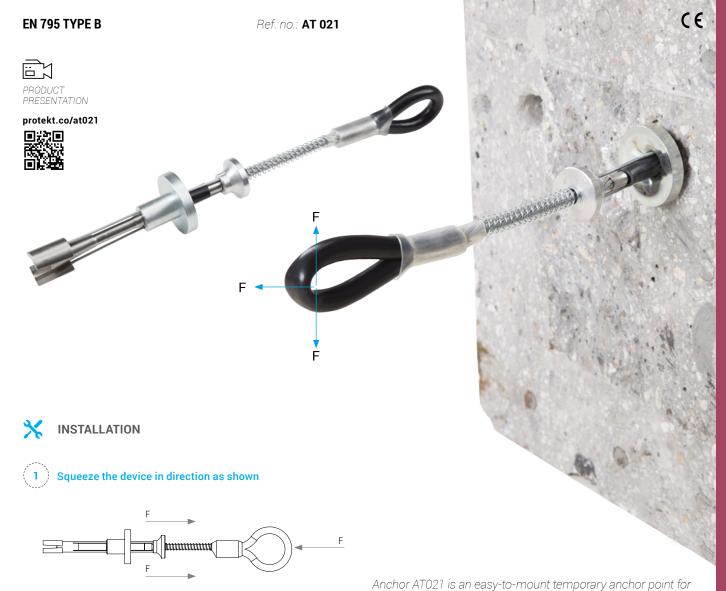


Anchor point AT 020 is intended for anchoring personal fall protection equipment. The anchor is intended for installation on vertical, horizontal or inclined surfaces, in a specially prepared bore hole.

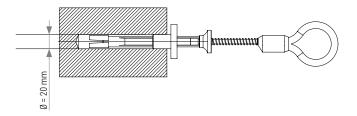
#### **PARAMETERS**

Material:	galvanized steel, stainless steel, aluminium
Weight:	~ 0,66 kg
Static strength:	no less than 12 kN

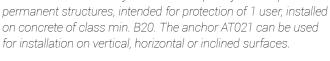




2 Put anchor point in bore hole

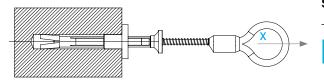


Make sure that stones are locked in the hole by pulling the device in direction shown by arrow "X".



#### **PARAMETERS**

Static strength:	no less than 12 kN	
Surface strength:	min. concrete B20	
Weight:	280 g	
Material:	zinc-anodized galvanized steel stainless steel, aluminium	

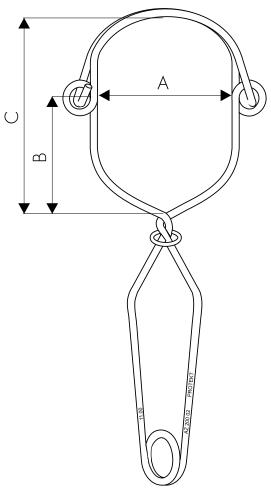




Ref. no.: AZ 200

12

# DIMENSIONS



# PARAMETERS

Material:	stainless steel + copper
Weight:	min. 12 kN

Dimension		DEVICE VERSION	
	AZ 200 01	AZ 200 02	AZ 200 03
A	81	112	140
В	85	105	125
С	128	175	208

#### **SPECIAL FEATURES**



		MI	$\cap$	
'	-	I/I		и

AZ 200 01 CLEARANCE 81 MM	346 mm
AZ 200 02 CLEARANCE 112 MM	373 mm
AZ 200 03 CLEARANCE 140 MM	415 mm

Formed by a single stainless steel rod, 6mm dia. Pipe anchor is a component of fall protection equipment, and is intended to connect connecting and absorbing device (e.g. energy absorber with lanyard, retractable type fall arrester, guided type fall arrester work rope) to a structural anchor point.

Maximum opening of the pipe anchor when placing on a profile cannot be greater than dimension A for a given model, as provided in the table.

#### EN 795 TYPE B

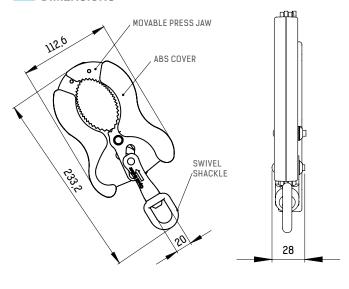


#### protekt.co/az300





#### **DIMENSIONS**





Anchor device AZ 300 is intended for use by one person; to be used as a protection against falls from a height when working on scaffolds. To be used on tubes, 44.5 - 50mm dia.

#### **SPECIAL FEATURES**



#### **PARAMETERS**

Opening:	52 mm	
Breaking strength:	min. 12 kN	
Material:	stainless steel, ABS	_
Weight:	880 g	

REF. NO.:

AZ 300

( ( **EN 795 TYPE B** Ref. no.: AT 060



#### **INSTALLATION**

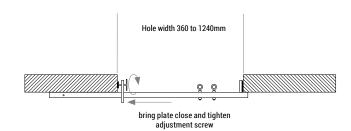
Place anchor beam inside opening in the ground or on sill.



Make sure that beam is horizontal and if it fits tightly to the wall. Then bring mounting plate close to the hole side surface.



Bring adjustment plate close to the opposite side surface on the hole. Push adjusting plate firmly by tightening adjustment screw to the hole side surface.



Anchor beam AT 060 is a component of fall protection equipment and can be used as a portable anchor device. The beam can be used in building openings (windows and doors), 350 to 1240mm wide. It is fitted with two fixing plates.

#### **PARAMETERS**

Material:	zinc-anodized steel
Dimensions:	1415 x 150 x 100 mm
Weight:	6,9 kg
Static strength:	min. 13 kN

#### **SPECIAL FEATURES**

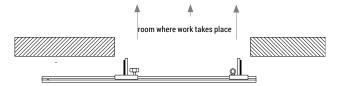


Protection for up to 2 users. **EN 795 TYPE B** 

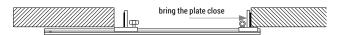
Ref. no.: AT 061

# **X** INSTALLATION

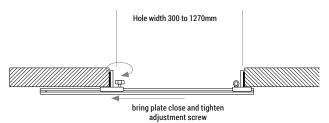
1 Place anchor beam inside opening in the ground or on sill.



Make sure that beam is horizontal and if it fits tightly to the wall. Then bring mounting plate close to the hole side surface.



Bring adjustment plate close to the opposite side surface on the hole. Push adjusting plate firmly by tightening adjustment screw to the hole side surface.



Light aluminium alloy anchor beam AT 061 is a component of fall protection equipment and can be used as a portable anchor device. The beam can be used in building openings (windows and doors), 300 to 1270mm wide. It is fitted with two fixing plates.

#### **PARAMETERS**

aluminium
1422 x 122 x 100 mm
3,2 kg
min. 12 kN





Ref. no.: AT 062

(€

#### **EN 795 TYPE B**





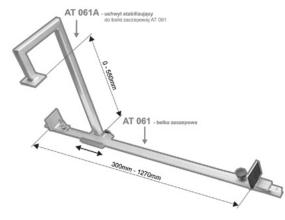
#### INSTALLATION

Place anchor beam inside opening in the ground or on sill. If the beam is horizontal and fits the wall firmly, bring mounting plate close to the hole side surface. Bring adjustment plate close to opposite side surface on the hole and push adjustment plate firmly by tightening adjustment screw to the hole side surface.



Light aluminium alloy anchor beam AT 062 with a stabilising clamp is a component of fall protection equipment and can be used as a portable anchor device. The beam can be used in building openings (windows and doors), 300 to 1270mm wide. It is fitted with two fixing plates.

Beam AT 062 must be used with personal fall protection equipment.



#### **PARAMETERS**

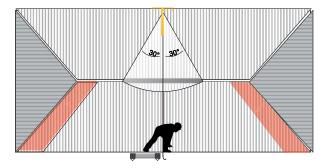
Material:	aluminium
Weight:	6,7 kg
Dimensions:	1455 x 300 x 200 mm
Static strength:	min. 12 kN



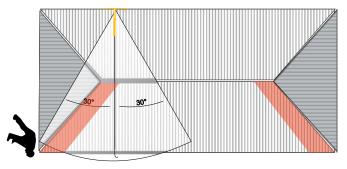




INSTALLATION







The anchor is suitable for most sheet profiles available on the market.

#### **PARAMETERS**

powder coated steel
495 x 500 x 100 mm
~3,70 kg
>12 kN
>12 kN

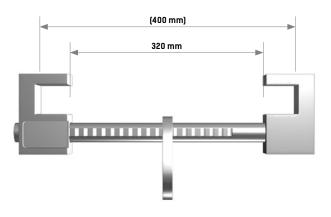


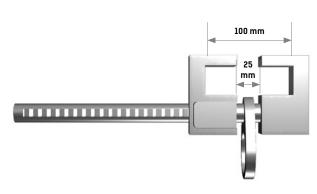


#### (€ **EN 795 TYPE B** Ref. no.: **AT 250**









Anchor device AT 250 is a portable anchor point, suitable for use with an I-beam rail. The rail must be fixed to a permanent structure.

# **SPECIAL FEATURES**



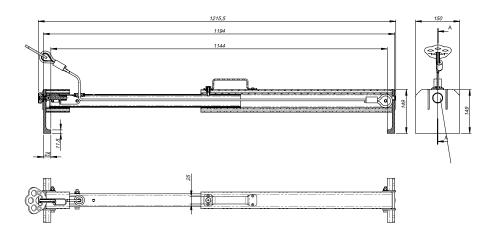
#### **PARAMETERS**

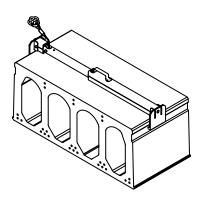
25 mm
320 mm
aluminium
440 x 100 x 45 mm
1,37 kg



# **DIMENSIONS**







# PARAMETERS

Materiał:	aluminium, stainless steel, galvanized steel
Dimensions when folded:	150 x 805 x 150 mm
Weight:	8 kg
Minimum breaking strength:	15 kN
Number of users:	max. 3

#### **SPECIAL FEATURES**







Protection for up to 3 people.

**ANCHOR POINTS AND DEVICES** 

(€ **EN 795 TYPE B** Ref. no.: AT 100

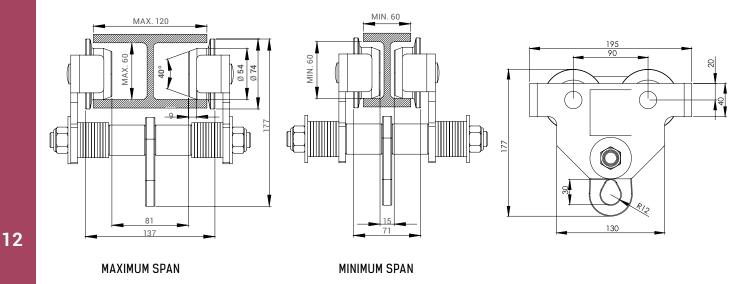


protekt.co/st010





#### **DIMENSIONS**



#### **PARAMETERS**

Weight:	5,2 kg
Material:	painted galvanized steel

#### SPECIAL FEATURES

Anchor trolley ST 010 is designed as a portable anchor (attachment) point. It must be used with fall protection equipment. The trolley moves (drives) along a horizontal I-beam (rail). The rail must be fixed to a permanent structure. Anchor trolley ST 010 can be used with rails, 65mm to 120mm wide. The trolley provides protection for one person only.

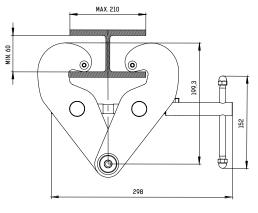


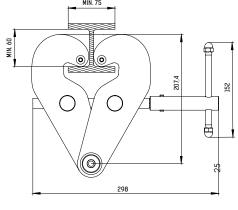
# EN 795 TYPE B Ref. no.: AT 120

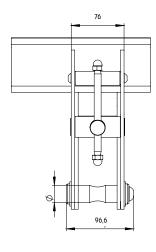




# **DIMENSIONS**







MAXIMUM SPAN

MINIMUM SPAN

#### **PARAMETERS**

Weight:	4 kg
Material:	painted galvanized steel

#### **SPECIAL FEATURES**



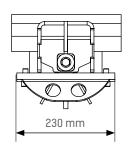
Anchor device ST 020 is a portable anchor point (as a protection for one person) suitable for use with an I-beam rail. The rail must be fixed to a permanent structure. Anchor device ST 020 can be used with rails, 75mm to 210mm wide.

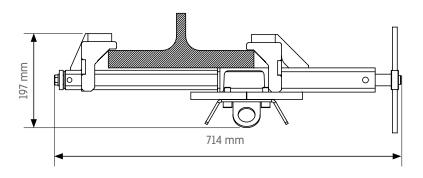


# EN 795 TYPE B Ref. no.: AT 130



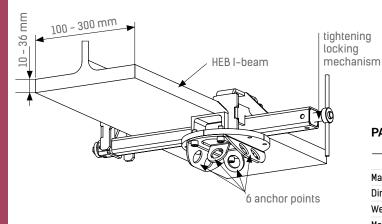
### DIMENSIONS





# ×

#### INSTALLATION



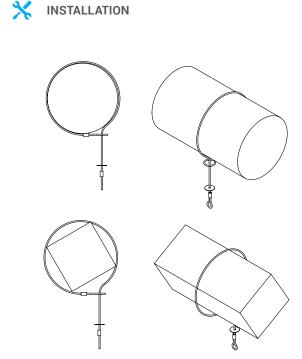
#### **PARAMETERS**

Material:	zinc-anodized steel
Dimensions:	72 x 20 x 23 cm
Weight:	~16,5kg
Maximum number of users:	Max. 6 users

# Anchor device ST 030 is an element of personal fall protection equipment.

The device is a portable anchor point for fall protection equipment. The device can be mounted on HEB I-beams with flange 100 to 300mm wide and 10 to 36mm thick. The device provides protection for up to 6 users at a time. It is made of zinc-anodized and powder-coated steel.





Connecting lanyard AT 190 is a component of fall protection equipment, intended for connection of connecting and absorbing device to a structural anchor point. Connecting lanyard is formed by a stainless steel cable, 5mm dia, and has flexible loops of various diameters at both ends enabling for looping without using any additional connectors. The cable is weather-resistant.



#### **PARAMETERS**

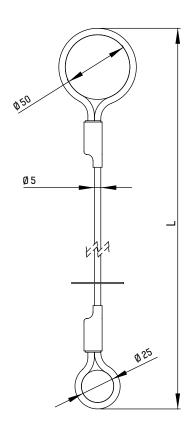
Material:	stainless steel + copper	
Weight:	min. 12 kN	

#### **SPECIAL FEATURES**



REF. NO.:	LENGTH
AT 190 060	60 cm
AT 190 100	100 cm
AT 190 200	200 cm
AT 190 300	300 cm
AT 190 500	500 cm
AT 190 1000	1000 cm

AT 190 XX - ANY LENGTH UP TO 10M AS ORDERED



12

Ref. no.: **AT 191** 

12

#### **EN 795 TYPE B**



protekt.co/at191





Connecting lanyard AT 191 is a component of personal fall protection equipment. The anchor point should be used as a portable temporary anchor device type B, enabling connection of connecting and absorbing device to a structural anchor point. Connecting lanyard is formed by stainless steel cable, 8mm dia and 0.6 to 10m long, fitted with loops of various diameters at both ends, enabling for looping without using any additional connectors.



Material:	stainless steel + copper
Weight:	min. 12kN

#### **SPECIAL FEATURES**

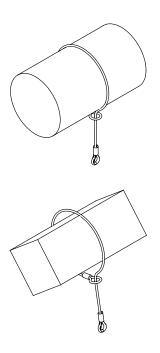


REF. NO.:	LENGTH
AT 191 060	60 cm
AT 191 100	100 cm
AT 191 200	200 cm
AT 191 300	300 cm
AT 191 500	500 cm
AT 191 1000	1000 cm

AT 191 XX - ANY LENGTH UP TO 10 M ACCORDING TO THE ORDER

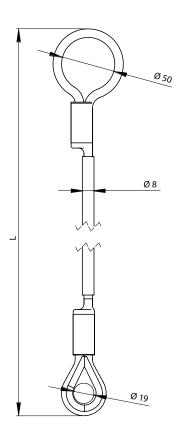


#### INSTALLATION



(€

#### DIMENSIONS



#### **EN 795 TYPE A**





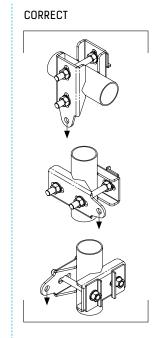


PRODUCT PRESENTATION

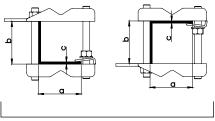


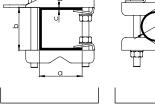


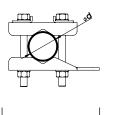




**DIMENSIONS** 







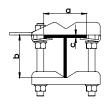
d = 30 Ø - 90 mm Ø

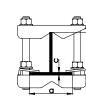
**INCORRECT** 

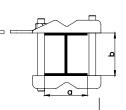


a = 30-100 mm b = 30 -100 mm c = max. 12 mm

a = 30-100 mm b = 30 -100 mm c = max. 12 mm







a = 30-100 mm b = 30 -100 mm c = max. 12 mm

a = 30-100 mm b = 30 -100 mm c = max. 12 mm

Anchor device AC 340 is a portable anchor point (as a protection for one person) suitable for use with I-beams as shown above. They can be used also on tubes, 90mm dia max.

#### **PARAMETERS**

Material:	stainless steel
Dimensions:	208 x 97 x 75 (min.) - 140 (max.) mm
Weight:	2,50 kg
Mounting range:	75–140 mm



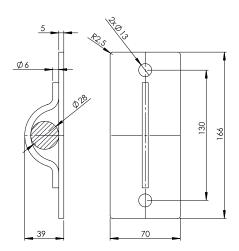


**EN795 TYPE A** 

Ref. no.: **HL 104** 



#### **DIMENSIONS**



Anchor point HL 104 can be mounted on concrete structure or on steel profiles.

#### **PARAMETERS**

Dimensions:	70 x 166 x 39 mm
Material:	stainless steel AISI 304
Breaking strength:	min. 12 kN

#### **SPECIAL FEATURES**



REF. NO.:

HL 104

# Kit HL 104 001

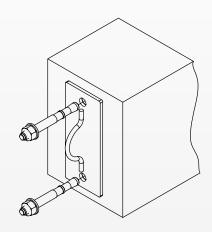
# installation on concrete

HL 104

+ stainless steel segment anchor



# **X** INSTALLATION



# THE KIT COMPRISES



1 x HL 104

2 x M12/25/45



REF. NO.:

HL 104 001

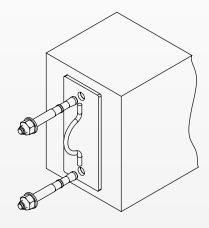
### Kit HL 104 002 installation on concrete

HL 104

+ galvanized steel segment anchor



### **X** INSTALLATION





## THE KIT COMPRISES



1 x HL 104





REF. NO.:

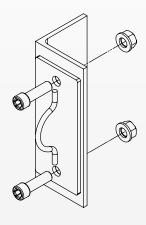
HL 104 002

# Kit HL 104 003 installation on steel profile

HL 104 + screw M12x40-A2-70



### INSTALLATION

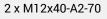




### THE KIT COMPRISES



1 x HL 104





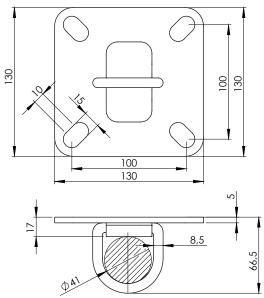
REF. NO.:

HL 104 03





### **DIMENSIONS**



Anchor point HL 105 can be mounted on concrete structure or on steel profiles.

### **PARAMETERS**

Dimensions:	130 x 130 x 17 - 66,5 mm
Material:	powder-coated steel - RAL 1023
Breaking strength:	min. 12 kN

### **SPECIAL FEATURE**



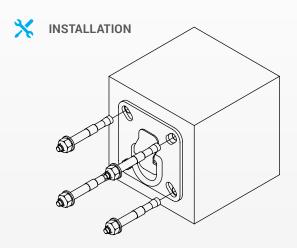
REF. NO.:

HL 105

# Kit HL 105 001

### installation on concrete

HL 105 + stainless steel segment anchor





THE KIT COMPRISES



4 x M12/25/45

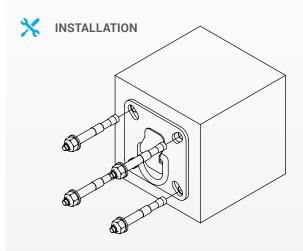


REF. NO.:

HL 105 001

# Kit HL 105 002 installation on concrete

HL 105 + galvanized steel segment anchor







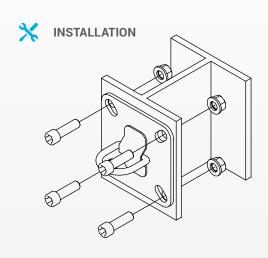


REF. NO.:

HL 105 002

# Kit HL 105 003 installation on steel profile

HL 105 + screw M12x40-A2-70







4 x M12x40-A2-70

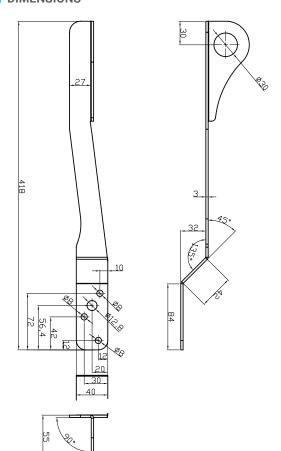


REF. NO.:

HL 105 003



### **DIMENSIONS**



Can be mounted on structures by mechanical, chemical anchors or bolts. Possibility of mounting on wooden structures.

### **PARAMETERS**

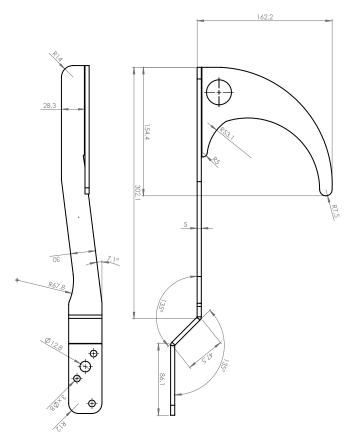
Material:	stainless steel
Dimensions:	418 x 194,8 mm
Weight:	0,54 kg
Sheet thickness:	5 mm
Static strength:	min. 10 kN



### (€ **EN 795 TYPE A2** Ref. no.: **AT 402**



### **DIMENSIONS**



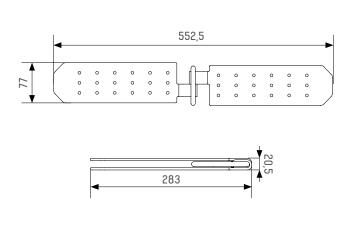
Can be mounted on structures by mechanical, chemical anchors or bolts. Possibility of mounting on wooden structures.

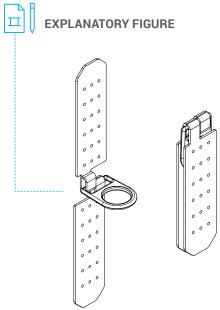
### **PARAMETERS**

Material:	stainless steel
Dimensions:	418 x 194,8 mm
Weight:	0,54 kg
Sheet thickness:	5 mm
Static strength:	min. 10 kN
Permissible dead load:	2 kN



### **DIMENSIONS**





Anchor point is an anchor point intended for use with personal fall protection equipment. It is intended for use by one user working on an inclined roof. The device design enables its mounting to rafters on a roof ridge. The point comprises two plates connected by a movable eye hinge. On the plates, there are 36 bores in total for screws or nails. The point complies with EN 795:2012 type A (approved by CIOP (Central Institute for Labour Protection)), however is not subject to the above standard...

### **SPECIAL FEATURES**



### **PARAMETERS**

Weight:	1,5 kg
Material:	zinc-anodized steel
Dimensions:	553 x 82 x 100 mm
Static strength:	min. 12 kN
Minimum wooden beam dimensions:	100 x 100 mm
Minimum anchoring depth:	80 mm

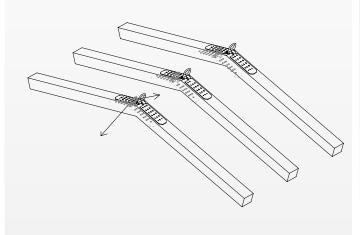
### **KIT AT 403 001**

AT 403 + 36 x wood screws diameter min. 4mm type: KDH/KMH4 0070 4,0x70 PZ-2 - SREW - MET Philips screwdriver head

### Required installation using min. 32x screws.



### **X** INSTALLATION



# THE KIT COMPRISES





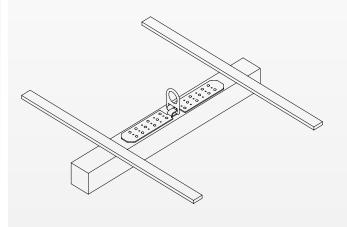
### **KIT AT 403 002**

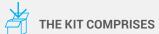
AT 403 + 36x ring shanks, 4mm dia type: GCOC-40080 - SREW - MET

### Required installation using min. 28x shanks.



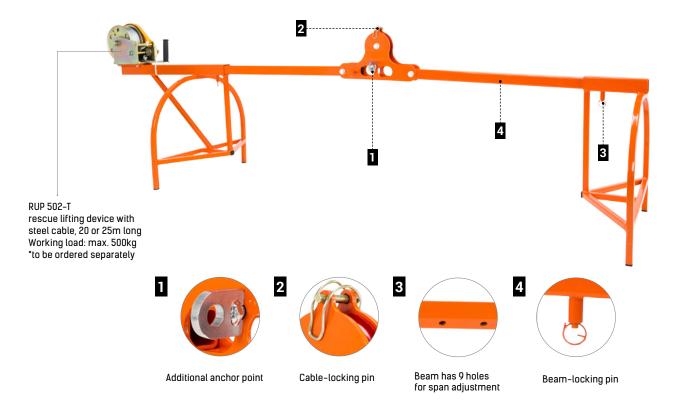
### INSTALLATION

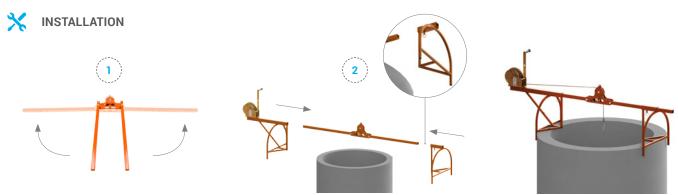






# EN 795 TYPE B Ref. no.: AT 252





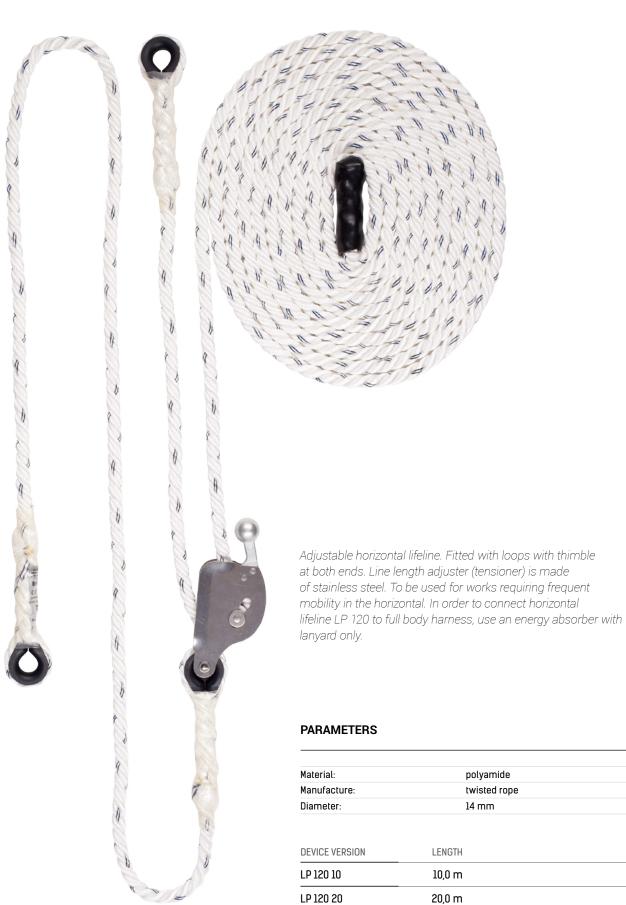
Anchor device AT 250 is a portable anchor point, suitable for use with an I-beam rail. The rail must be fixed to a permanent structure.

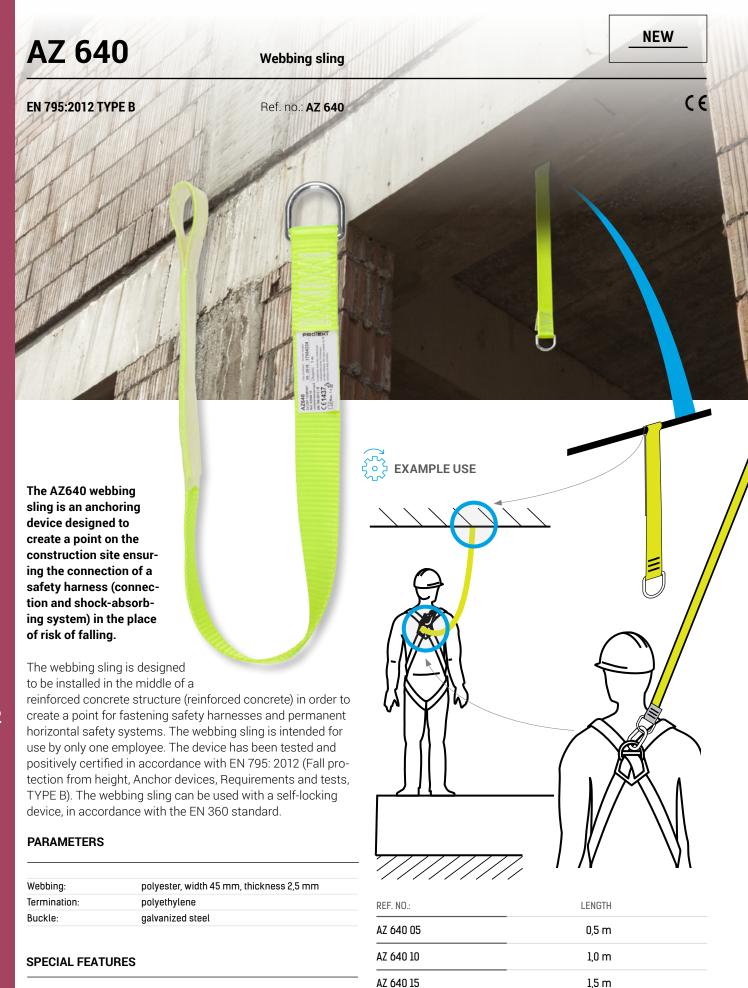
### **PARAMETERS**

Material:	powder coated steel
Dimensions when folded:	115 x 55 x 65 cm
Weight:	~24 kg (without rescue lifting device)



### **EN 795** Ref. no.: **LP 120**





AZ 640 20

Protection of 1 PERSON

2,0 m

Ref. no.: **AE 100** 

### **CORNER WASHER** AE 100-001-000



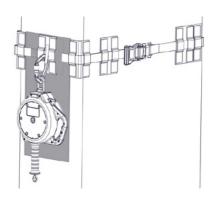




### DEVICE COVER FOR RETRACTABLE TYPE FALL ARRESTER AE 100-002-000



DEVICE VERSIONS	LENGTH	
AE 100 03	3,0 m	
AE 100 05	5,0 m	
AE 100 10	10,0 m	
AE 100 20	20,0 m	
AE 100 30	30,0 m	
AE 100 40	40,0 m	
AE 100 50	50,0 m	
AE 100 -001-000		
AE 100 -002-000		



AE 100 is a new column anchoring point intended for simultaneous connecting of 3 persons. AE 100 can be installed on reinforced concrete, steel posts and skylight constructions. The set consists of: working tape with maximum length of 50 m with tensing mechanism 4 washers to secure the construction 3 washers with clamp buckles type transport bag

### **PARAMETERS**

Material:	galvanized steel tapes: polyester
Available lengths:	3 m, 5m, 10 m, 20 m, 30 m, 40,m 50 m
Tape width:	35 mm
Number of users:	3
In accordance with the standard	EN 795:2012 type B / CE

### **SPECIAL FEATURES**







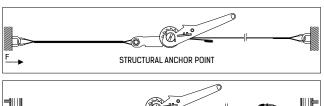
12

**ANCHOR POINTS AND DEVICES** 

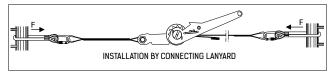


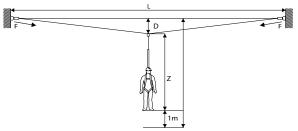
# **ASSEMBLY**

Horizontal webbing can be attached to a structural anchor point directly or by a loop using the integrated connector, or by connecting lanyard. Minimum loads at both webbing sides: 18 kN for one user, 20 kN for 2 and 3 users.









L[m] - total length of relaxed webbing AE 320

D[m]\*- webbing AE 320 deflection during falling

Z[m] - maximum elongation of connecting and absorbing device + user

height = 5.5m

Adjustable horizontal lifeline (horizontal fall protection line). The device is delivered with two steel connectors AZ 060 and cargo bag. To be used for works requiring frequent mobility in the horizontal.

The device AE 320 complies with EN 795 type B (portable anchor points). The device AE 320 is intended for protection of 3 users at a time.

### **PARAMETERS**

webbing - polyester

webbing tensioner/length adjuster - steel protected against corrosion by galvanization Material:

DEVICE VERSIONS	LENGTH	WEIGHT
AE 320 10	10,0 m	4,00 kg
AE 320 20	20,0 m	5,20 kg

### **SPECIAL FEATURES**







Protection for up to 3 people.



### CLR[m] - required distance = D+Z+1m

0 0 0				<b>←</b>			L		-	•		
<i>ŵŵ</i> ŵ	5 m -	7,5 m	> 7,5 m	ı - 10 m	> 10 m	- 12,5 m	> 12,5 n	n - 15 m	> 15 m	- 17,5 m	> 17,5 n	n - 20 m
	D [m]	F [kN]	D [m]	F [kN]	D [m]	F [kN]	D [m]	F [kN]	D [m]	F [kN]	D [m]	F [kN]
1	1,00	18,00	1,30	18,00	1,60	18,00	1,90	18,00	2,20	18,00	2,40	18,00
2 - 3	1,20	20,00	1,60	20,00	2,00	20,00	2,30	20,00	2,70	20,00	3,00	20,00

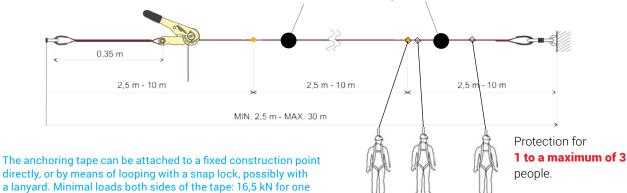
### EN795:2012/B CEN/TS 16415:2013/B







### intermediate points



As intermediate points you can use snap-locks that meet the load requirements of 14.5 kN.

### **SPECIAL FEATURES**









person and 22,00 kN up for 2 or 3 people.



PREMITTED TO WORK IN POTENTIALLY EXPLOSIVE AREAS

### **PARAMETERS**

Maximum number users:	3 persons	
Maximal length:	30 m, 20m, 10m	
Minimal length:	2,5 m	

tape - polyester belt tensioner / regulator - galvanized

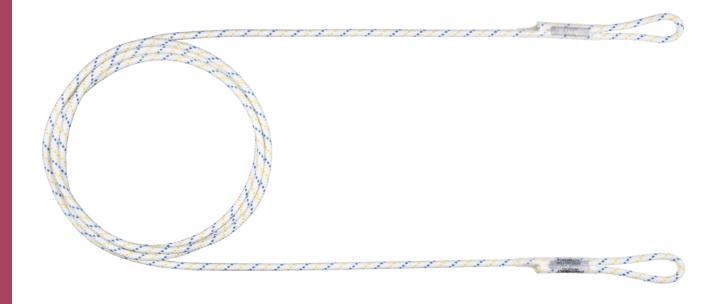
Material:

zabezpieczona przed korozją

Horizontal anchoring rope (horizontal safety rope) with adjustable length. A transport bag is enclosed in the set with the device. The device is used to provide protection during works that require frequent movement in a horizontal plane. The AE 321 rope meets the requirements of EN 795: 2012 type B (portable anchoring points for equipment) and CEN/TS 16415:2013/B. The AE 321 device is intended for simultaneous protection of 1 to 3 people. It can work with the set EN 345/355 and EN 353-2, EN 360. As intermediate points you can use snap-locks that meet the load requirements of 14.5 kN.

VERSIONS OF THE DEVICE	LENGTH
AE 321 10	10 m
AE 321 20	20 m
AE 321 30	30 m





Kernmantle polyamide horizontal lifeline, 10.5mm dia, fitted with thimbles at both endings. To be used for works requiring frequent mobility in the horizontal.

### **PARAMETERS**

Material:	polyamide
Manufacture:	kernmantle rope
Diameter:	10,5 mm

LP 100 LL	
LP 100 LL	

DEVICE VERSIONS

LP 100 LL

### **SPECIAL FEATURES**



LP 100 LL	5,0 m
LP 100 LL	8,0 m
LP 100 LL	10 m
LP 100 LL	15 m
LP 100 LL	20 m
LP 100 LL	25 m
LP 100 LL	30 m

LENGTH

2,5 m

**ANCHOR POINTS AND DEVICES** 

Ref. no.: **AE 300** 

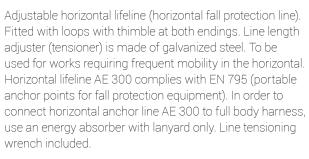
### **EN 795**



protekt.co/ae300



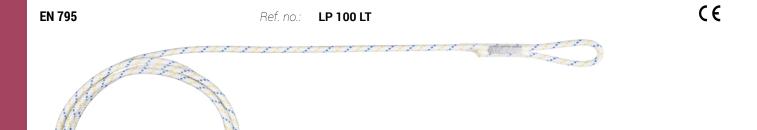




### **PARAMETERS**

Material:	poly	yamide
Manufacture:	twis	sted rope
Diameter:	16 r	mm
DEVICE VERSIONS	LENGTH	WEIGHT
AE 300 10	10,0 m	3,70 kg





### **PARAMETERS**

Material:	polyamide
Manufacture:	kernmantle rope
Diameter:	10,5 mm

### **SPECIAL FEATURES**



### HORIZONTAL LINE WITHOUT CONNECTORS

2,5 m	15 m
5,0 m	20 m
8,0 m	25 m
10 m	30 m
	5,0 m 8,0 m

### DEVICE STANDARD CONFIGURATIONS WITH FACTORY-FITTED CONNECTOR

2,5 m

5,0 m

2,5 m

5,0 m

8,0 m 10 m

15 m

20 m 25 m

30 m

**NEW CONNECTOR AZ 029** 



### **LP 100 LT** + AZ 002

Ref. no.:LP 100 LT + AZ 002



loop and thimble. Factory-fitted steel connector:

8,0 m 10 m Horizontal lifeline ended with 15 m 20 m 25 m AZ 002 (opening 18mm) 30 m



**LP 100 LT** 

Ref. no.: **LP 100 LT + AZ 003** 

Horizontal lifeline ended with loop and thimble. Factory-fitted steel

AZ 003 (opening 20mm)



**LP 100 LT** + AZ 029

Ref. no.: LP 100 LT + AZ 029

Horizontal lifeline ended with loop and thimble.

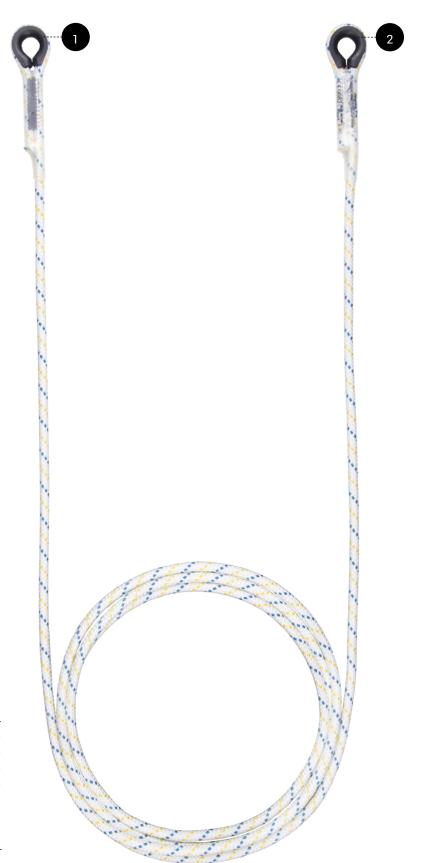
Factory-fitted steel connector:

AZ 029 (galvanized steel, plastic, opening 50mm)

2,5 m
5,0 m
8,0 m
10 m
15 m
20 m
25 m
30 m

12 Anchor points and devices

**EN 795** Ref. no.: **LP 100 TT** 



Horizontal lifeline ended with thimbles at both ends. To be used for works requiring frequent mobility in the horizontal.

### **PARAMETERS**

Material:	polyamide
Manufacture:	kernmantle rope
Diameter:	10,5 mm



### **LP 100 TT**

Ref. no. LP 100 TT

Horizontal lifeline ended with thimbles at both ends.

WITHOUT CONNECTORS

2,5 m	
5,0 m	
8,0 m	

10 m

15 m 20 m 25 m 30 m

### STANDARD DEVICE CONFIGURATIONS WITH FACTORY-FITTED CONNECTOR

**10** NEW CONNECTOR AZ 029

2,5 m

5,0 m

8,0 m

10 m

15 m

20 m

25 m

30 m

2,5 m

5,0 m

8,0 m

10 m

15 m





### **LP 100 TT** + 2 x AZ 002

Ref. no. LP 100 LT + 2xAZ 002



Horizontal lifeline ended with loop and thimble. Factory-fitted steel connectors:

AZ 002 (opening 18mm)

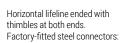


25 m 30 m

2,5 m



Ref. no. LP 100 LT + 2xAZ 029



AZ 029 (opening 50mm)



2,5 m





### **LP 100 TT** + AZ 003 + AZ 029

LP 100 TT + AZ 003 + AZ 029

Horizontal lifeline ended with thimbles at both ends. Factory-fitted steel connectors:

- AZ 029 (opening 50mm)
- AZ 002 (opening 18mm)











**LP 100 TT** + 2 x AZ 003

Ref. no. P 100 TT + 2xAZ 003

Horizontal lifeline ended with thimbles at both ends. Factory-fitted aluminium connectors:

AZ 003 (opening 20mm)

### **LP 100 TT** + AZ 002 + AZ 029

LP 100 TT + AZ 002 + AZ 029

Horizontal lifeline ended with thimbles at both ends. Factory-fitted steel connectors:

- 20 m AZ 029 (opening 50mm) 25 m AZ 002 (opening 18mm) 30 m





**LP 200 FLR** 

# EN 795, EN 358 P.4.1.5



### **DEVICE STANDARD CONFIGURATIONS**







Ref. no.:









Ref. no. LP200FLR/AZ002

Horizontal lifeline with adjuster LP 200 FLR

5 m 10 m

20 m

5 m

20 m

5 m

5 m

10 m

20 m

Horizontal lifeline with adjuster LP 200 FLR with connector AZ 003 (aluminium, opening 20mm)





### Ref. no. LP200FLR/AZ002/AZ029

Horizontal lifeline with adjuster LP 200 FLR with connector AZ 029 (galvanized steel, opening 50mm)

10 m



Horizontal lifeline with adjuster LP 200 FLR with connectors AZ 002 (galvanized steel, opening 18mm) AZ 011 (galvanized steel, opening 18mm)

10 m 20 m





### Ref. no.LP200FLR/AZ029/AZ011

Horizontal lifeline with adjuster LP 200 FLR with connector

AZ 029 (galvanized steel, opening 50mm) AZ 011 (galvanized steel, opening 18mm)





### Ref. no.LP200FLR/2AZ003

Horizontal lifeline with adjuster LP 200 FLR with connector

2 x AZ 003 (aluminium, opening 20mm)





### Ref. no.LP200FLR/AZ029/AZ003

Horizontal lifeline with adjuster LP 200 FLR with connector

AZ 029 (galvanized steel, opening 50mm) AZ 003 (aluminium, opening 20mm)





### Ref. no.LP200FLR/2AZ029

Horizontal lifeline with adjuster LP 200 FLR with connector

2 x AZ 029 (galvanized steel, opening 50mm)





**PARAMETERS** 

Material:

Manufacture:

Diameter:

### Ref. no. LB200FLR

Horizontal lifeline with adjuster LP 200 FLR

WITHOUT CONNECTORS

5 m 10 m 20 m 5 m 10 m 20 m 5 m 10 m

20 m

5 m 10 m 20 m

**POTENTIALLY EXPLOSIVE AREAS** 

polyamide

aramid kernmantle lanyard

(€

# **ANCHOR POINTS AND DEVICES**

### **EN 795 TYPE B**



protekt.co/az700





Ref. no.: **AZ 700** 

Webbing sling AZ 700 is formed by polyamide webbing 45mm wide. Inner side of the sling has non-slip rubber protective coating. It is suitable for protection of 3 users at a time with device AE 320.

### **PARAMETERS**

Material:	polyester, rubber, galvanized steel	
Webbing width:	45 mm	
Static strength:	30 kN	
DEVICE VERSIONS	LENGTH	
AZ 700 090	90 cm	
AZ 700 140	140 cm	
AZ 700 200	200 cm	

### **SPECIAL FEATURES**





# **AZ 410**

### **Connecting lanyard**

AZ 410, AZ 430

Ref. no.:



Connecting lanyard AZ 410 is a component of fall protection equipment. When combined with an energy absorber (e.g. ABM) forms a connecting and absorbing device.

Connecting lanyard is a portable anchor point complying with EN 795/B. Connecting lanyard AZ 430 is a portable anchor point complying with EN 795/B. It is suitable for protection of 3 users at a time with device AE 320.

Material: galvanized steel cable, 6.3mm dia, fitted with loops with thimbles at both endings. The middle part of the lanyard is protected by a transparent plastic tube.

Material:	steel
Manufacture:	kernmantle rope
Diameter:	6,3 mm





DEVICE VERSIONS	LENGTH	
AZ 410	1,0 m	
AZ 410	2,0 m	
AZ 430	3,0 m	
AZ 430	5,0 m	
AZ 430	10,0 m	

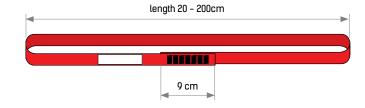
### EN 354, EN 566, EN 795 TYPE B

Ref. no.: **AZ 900** 



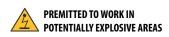
Webbing sling AZ 900 is:

- 1. a component of fall protection equipment when combined with an energy absorber (e.g. ABM) forms connecting and absorbing device complying with EN 354,
- a component of fall protection equipment, intended for connection of connecting and absorbing device to a structural anchor point.



### **PARAMETERS**

Material:	textile webbing
Webbing width:	20 mm
Length:	30 cm ÷ 200 cm

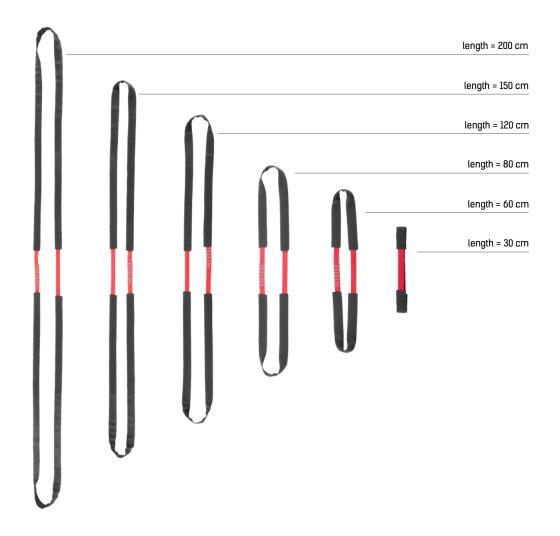


LENGTH			
30 cm			
60 cm			
80 cm			
120 cm			
150 cm			
200 cm			

(€

EN 354, EN 566, EN 795 TYPE B

Ref. no.: AZ 900



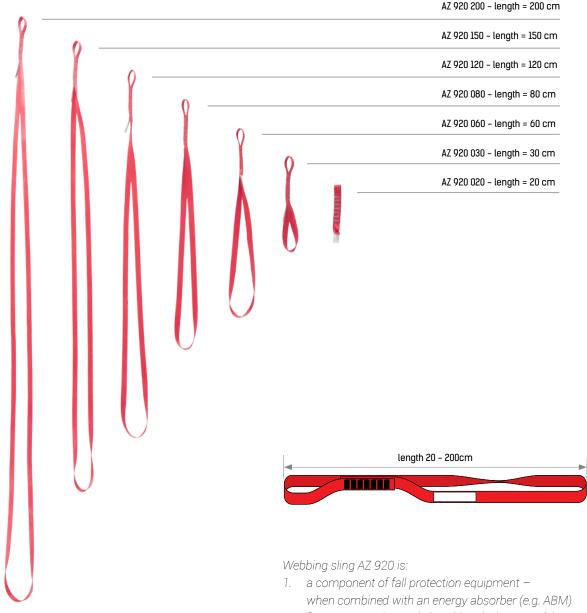
Webbing sling AZ 900 is: component of fall protection equipment – when combined with an energy absorber (e.g. ABM) forms connecting and absorbing device complying with EN 354, a component of fall protection equipment, designed to connect connecting and absorbing device to a structural anchor point.

### **PARAMETERS**

Material:	webbing - textile webbing sleeve - polyester
Webbing width:	20 mm
Protective sleeve width:	35 mm
Length:	30 cm ÷ 200 cm



LENGTH			
30 cm			
60 cm			
80 cm			
120 cm			
150 cm			
200 cm			



### **PARAMETERS**

Material:	textile webbing	
Webbing width:	20 mm	
Length:	20 cm ÷ 2 m	

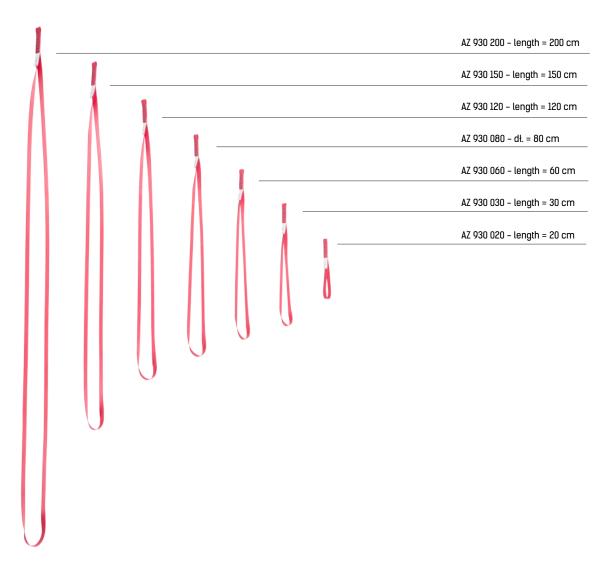


- forms connecting and absorbing device complying with EN 354,
- a component of fall protection equipment, intended for connection of connecting and absorbing device to a structural anchor point.

LENGTH	LENGTH
20 cm	120 cm
30 cm	150 cm
60 cm	200 cm
80 cm	

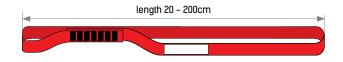
EN 354, EN 566, EN 795 TYPE B

Ref. no.: **AZ 930** 



### Webbing sling AZ 930 is:

- 1. a component of fall protection equipment when combined with an energy absorber (e.g. ABM) forms connecting and absorbing device complying with EN 354,
- 2. a component of fall protection equipment, intended for connection of connecting and absorbing device to a structural anchor point.



### **PARAMETERS**

Material:	textile webbing	
Webbing width:	20 mm	
Length:	20 cm ÷ 2 m	



Ref. no.:

TU 701

### **SPECIAL FEATURES**



PREMITTED TO WORK IN POTENTIALLY EXPLOSIVE AREAS

### **PARAMETERS**

Material:	polyester
Rope diameter:	Ø 12 mm
Lengths:	80 cm, 85 cm, 90 cm, 100 cm

LENGTH

80 cm

85 cm

90 cm

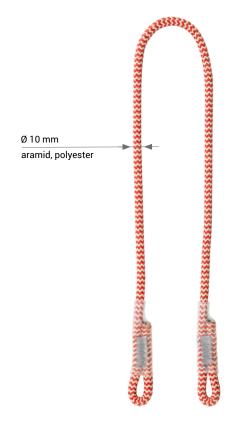
100 cm

# **TU 810**

### **Prusik**

### **EN 795 TYPE B**

Ref. no.: TU 810



### **PARAMETERS**

Material:	aramid, polyester	
Rope diameter:	Ø 10 mm	
Lengths:	80 cm, 85 cm, 90 cm, 100 cm	

### **SPECIAL FEATURES**



PREMITTED TO WORK IN ► POTENTIALLY EXPLOSIVE AREAS

LENGTH

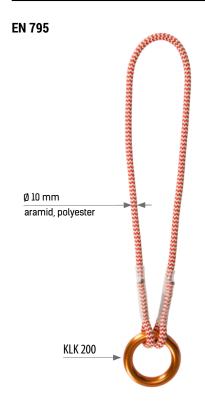
80 cm

85 cm

90 cm

100 cm

12



Ref. no.: **TU 811 C €** 

### **SPECIAL FEATURES**



PREMITTED TO WORK IN POTENTIALLY EXPLOSIVE AREAS

### **PARAMETERS**

Material:	aramid, polyester	
Rope diameter:	Ø 10 mm	
Lengths:	80 cm, 85 cm, 90 cm, 100 cm	
LENGTH		
80 cm		
85 cm		
90 cm		

**TU 812** 

### **Prusik**

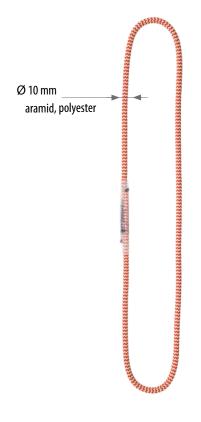
Ref. no.:

100 cm

### **EN 795 TYPE B**

TU 812

C	(



### **PARAMETERS**

Material:	aramid, polyester	
Rope diameter:	Ø 10 mm	
Lengths:	80 cm, 85 cm, 90 cm, 100 cm	

### **SPECIAL FEATURES**



PREMITTED TO WORK IN

POTENTIALLY EXPLOSIVE AREAS

L	ENGTH		

80 cm			
85 cm			

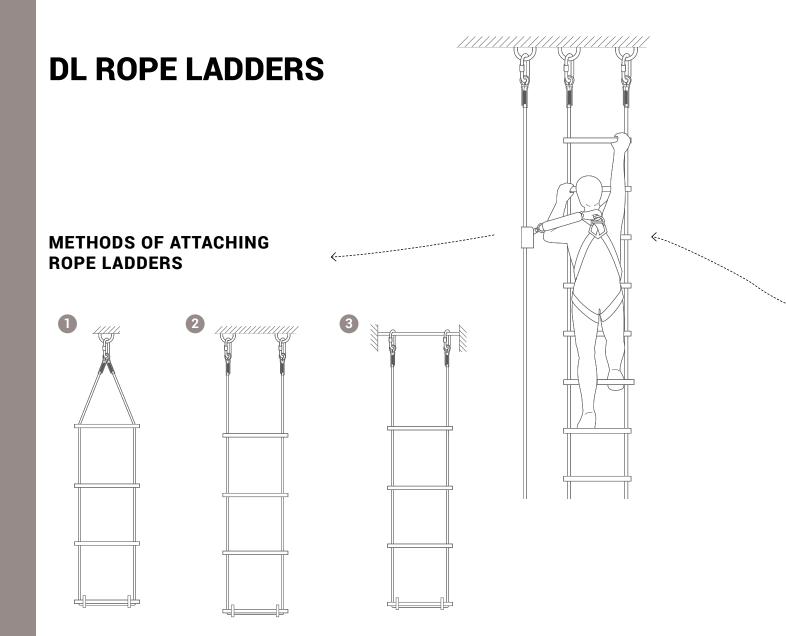
85 cm			
90 cm			
100 cm			



# Ladders, scaffolds and platforms

Rope ladders	13 - <b>2</b>
Telescopic ladders	13 - <b>14</b>
Double-sided and combined ladders	13 - <b>18</b>
Scaffolds	13 - <b>23</b>
Mobile platforms	13 - <b>26</b>

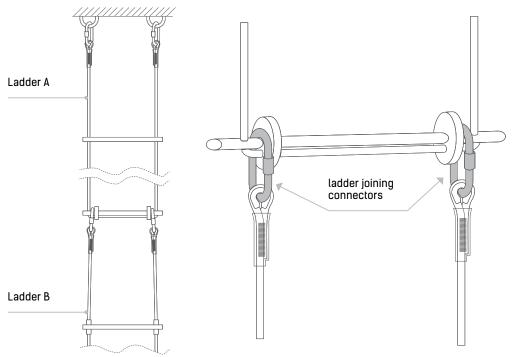




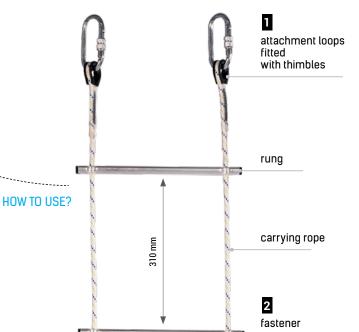
# ROPE LADDERS OF THE SAME TYPE CAN BE COMBINED IN SERIES

Join ultimate rung of a ladder to attachment loops of the other ladder by two connectors, 10cm (+/- 2cm) long. Each connector should be joined to the rung between retaining ring and rope fastener.

Maximum length of an assembly comprising a number of joined ladders cannot be greater than 100m.



### PN-83/W-52501-CLAUSE 8



310 mm

retaining rings









attachment loops fitted with thimbles

fasteners

retaining rings

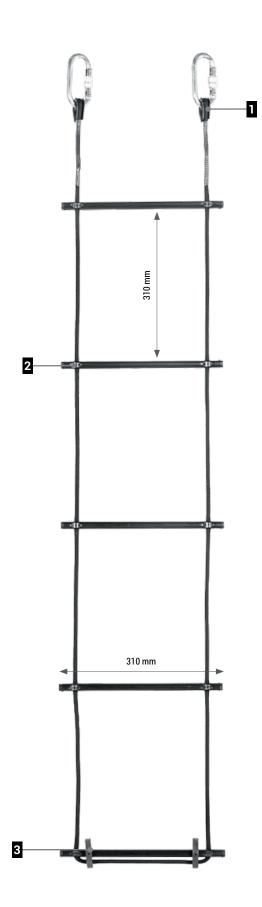
Ladder conforms with PN-83/W-52501 - clause 8, Certificate No. Z/02/013/17, issued by the Institute of Mechanised Construction and Rock Mining in Warsaw.

### **PARAMETERS**

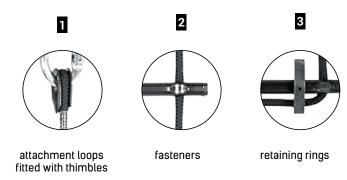
Material:	rungs - aluminium rope - polyester Ø 8mm
Manufacture:	width - 310 mm rung spacing:- 310 mm
Weight:	0.55kg – 1 r.m.







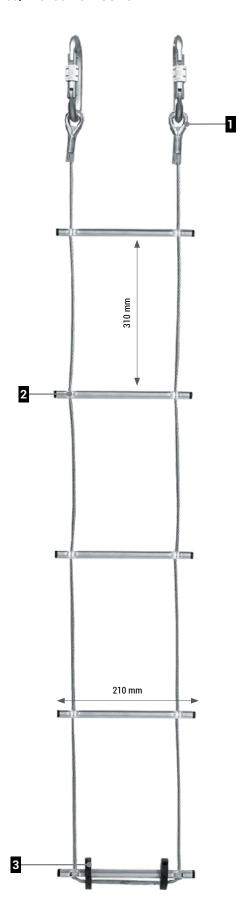
Ref. no.: **DL 010C** 



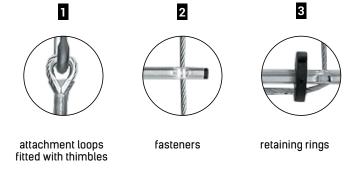
Ladder conforms with PN-83/W-52501 - clause 8, Certificate No. Z/02/013/17, issued by the Institute of Mechanised Construction and Rock Mining in Warsaw.

### **PARAMETERS**

Material:	rungs – aluminium rope – polyester Ø 8mm	
Manufacture:	width - 310 mm rung spacing: - 310 mm	
Weight:	0.55kg – 1 r.m.	
Colour:	black	



Ref. no.: **DL 011** 



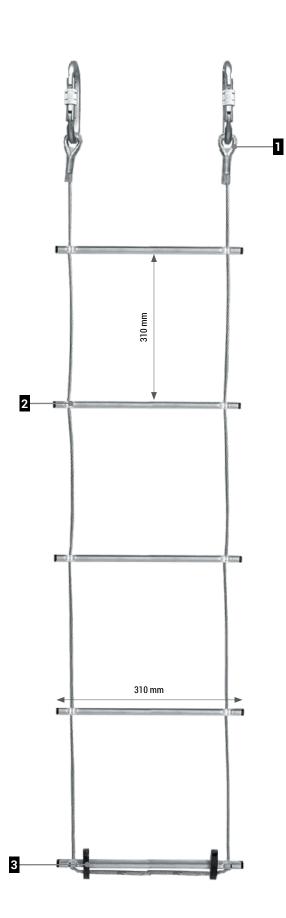
Ladder conforms with PN-83/W-52501 - clause 8, Certificate No. Z/02/013/17, issued by the Institute of Mechanised Construction and Rock Mining in Warsaw.

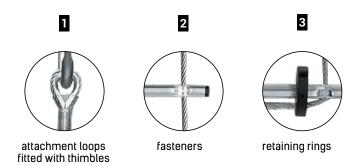
### **PARAMETERS**

Material:	rungs – aluminium cable – galvanized steel Ø 4mm
Manufacture:	width- 210 mm rung spacing: - 310 mm
Waga:	0,3 kg - 1 r.m.



Ref. no.: **DL 012** 

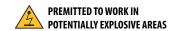




Ladder conforms with PN-83/W-52501 - clause 8, Certificate No. Z/02/013/17, issued by the Institute of Mechanised Construction and Rock Mining in Warsaw.

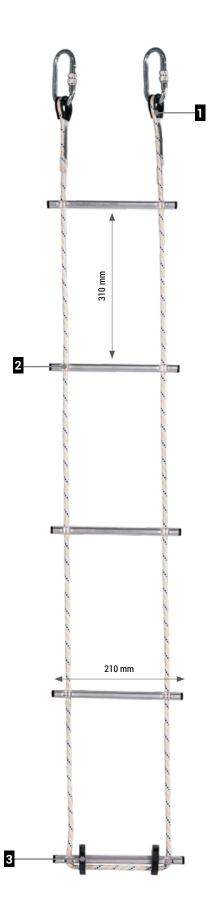
### **PARAMETERS**

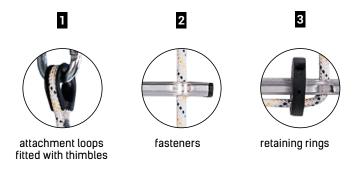
Materiał:	rungs – aluminium cable – galvanized steel Ø 4mm
Weight:	0.58kg - 1 r.m.
Dimensions:	width: - 310 mm rung spacing: - 310 mm



Ref. no.: **DL 013** 

LADDERS, SCAFFOLDS AND PLATFORMS

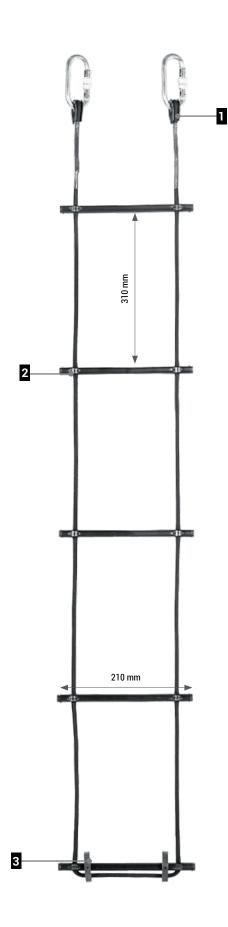




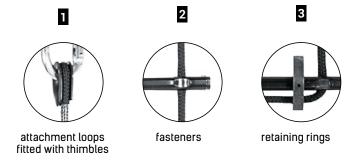
Ladder conforms with PN-83/W-52501 - clause 8, Certificate No. Z/02/013/17, issued by the Institute of Mechanised Construction and Rock Mining in Warsaw.

### **PARAMETERS**

Material:	rungs – aluminium rope – polyester Ø 8mm
Weight:	0,35 kg – 1 r.m.
Dimensions:	width: – 210 mm rung spacing: – 310 mm



Ref. no.: **DL 013C** 

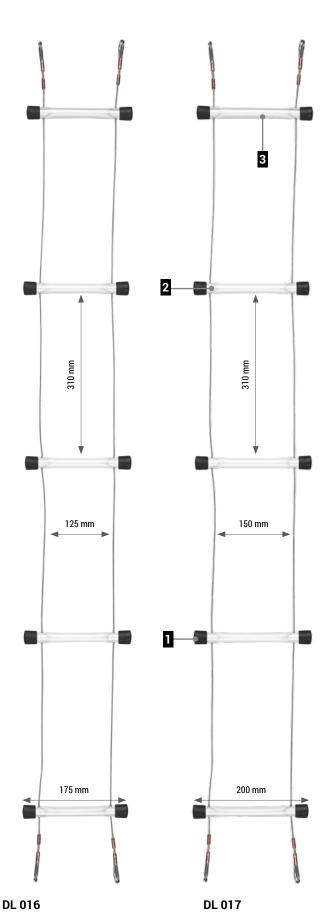


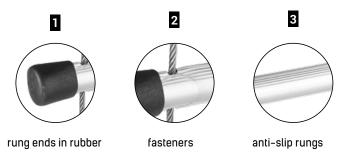
Ladder conforms with PN-83/W-52501 - clause 8, Certificate No. Z/02/013/17, issued by the Institute of Mechanised Construction and Rock Mining in Warsaw.

### **PARAMETERS**

Material:	rungs – aluminium rope – polyester Ø 8mm width – 210 mm
Manufacture:	width – 210 mm rung spacing– 310 mm
Weight:	0,3 kg - 1 r.m.
Colour:	black

# Ref. no.: **DL 016, DL 017**





# **DL 016 - PARAMETERS**

Material:	rungs – aluminium cable – stainless steel Ø 3mm
Manufacture:	width - 175 mm rung spacing - 310 mm cable spacing - 125 mm
Weight:	0,2 kg - 1 r.m

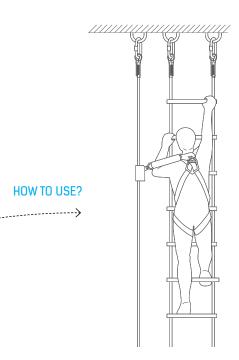
#### **DL 017 - PARAMETERS**

Material:	rungs – aluminium cable – stainless steel Ø 3mm	
Manufacture:	width - 200 mm rung spacing - 310 mm cable spacing - 150 mm	
Weight:	0,22 kg – 1 r.m.	

#### PN-83/W-52501-CLAUSE 8







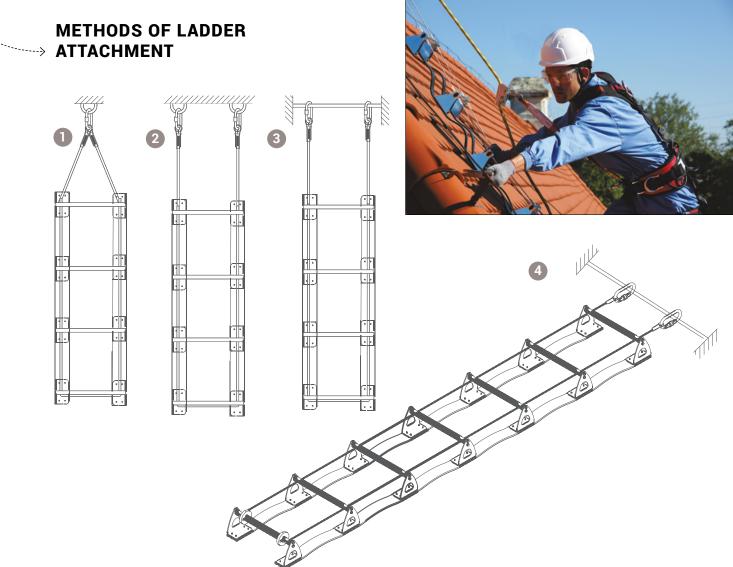


Material:	rungs – aluminium cable – galvanized steel Ø 4mm mountings – galvanized steel rubber – EPDM	
Manufacture:	width - 310 mm rung spacing - 310 mm	
Weight:	2,5 kg - 1 r.m.	

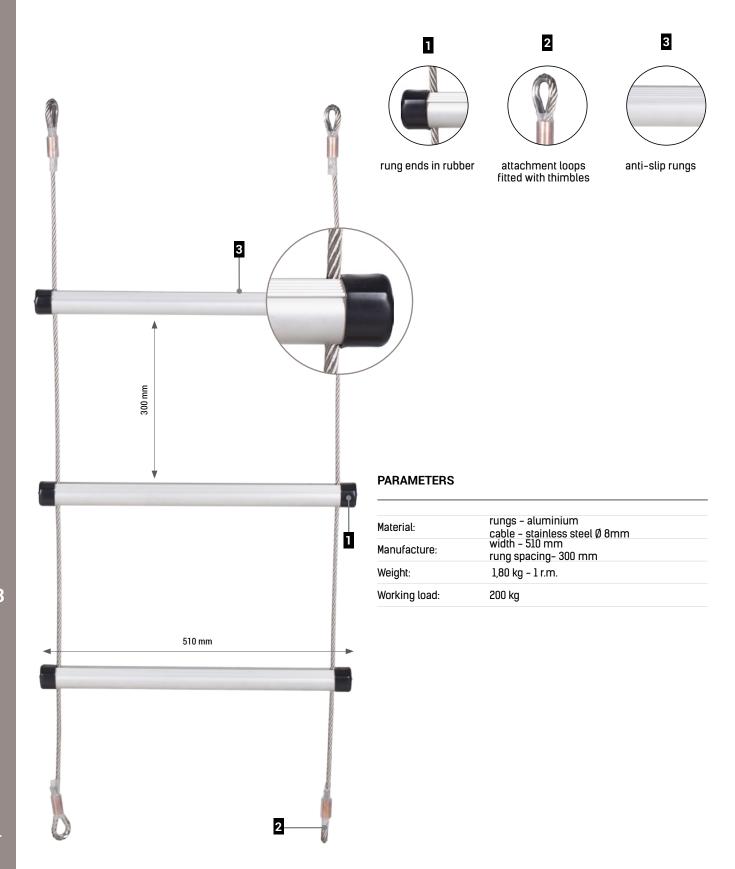
#### **DL 015 - PARAMETERS**

Material:	rungs – aluminium rope – polyester Ø 8mm mountings – galvanized steel rubber – EPDM
Manufacture:	width - 310 mm rung spacing - 310 mm
Weight:	2,5 kg - 1 r.m.

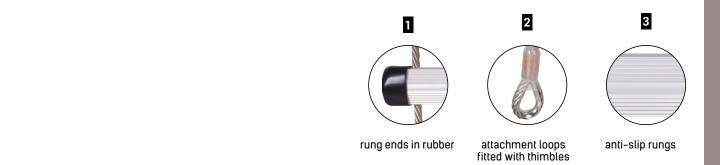


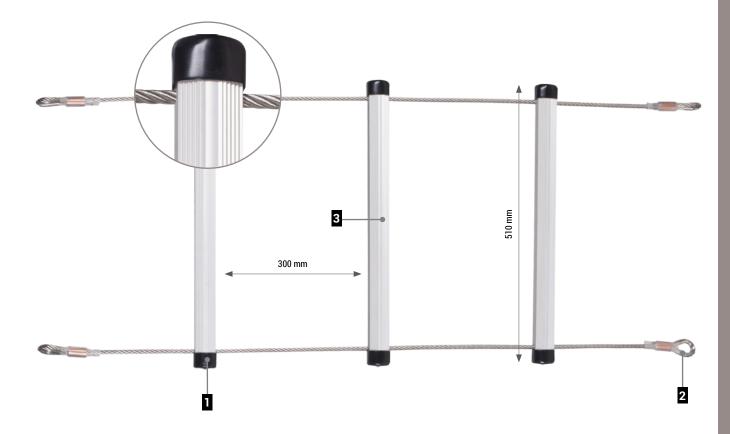


Ref. no.: **DL 018** 



Ref. no.: **DL 019** 





rungs – aluminium cable – stainless steel Ø 8mm	
width - 510 mm rung spacing - 300 mm	
1,80 kg - 1 r.m.	
200 kg	
	cable – stainless steel Ø 8mm width – 510 mm rung spacing – 300 mm 1,80 kg – 1 r.m.



# DS 518, DS 521

#### **Combined ladders**

#### EN 131



Ref. no.: **DS 518, DS 521** 

Combined ladders made of aluminium reinforced with fibre glass.

#### **DS 518 - PARAMETERS**

Length when folded:	1690 mm
Length when unfolded:	2393 mm
Maximum load:	150 kg
Weight:	12,70 kg

#### **DS 521 - PARAMETERS**

Length when folded:	3080 mm
Length when unfolded:	4220 mm
Maximum load:	150 kg
Weight:	14,55 kg

# **DS 412**

# Folding ladder

Ref. no.: **DS 412** 

#### EN 131







# **PARAMETERS**

Length when folded:	950 mm	
Length when unfolded:	4220 mm	
Maximum load:	150 kg	
Weight:	15,30 kg	

Folding ladders made of aluminium reinforced with glass fibre, folding ladder - 12 rungs.



Ladder stand DS 801 is designed for supporting a single ladder max. 2.5m long. To keep stability, the ladder working height should not be greater than 1.6m.

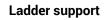
Ref. no.: **DS 801** 



#### **PARAMETERS**

Material:	galvanized steel	
Spacing:	26-45 cm	

# **DS 802**











Ladder support DS 802 is designed for supporting a single ladder to improve its stability and protect the wall against damages.

Material:	frame – aluminium wheels – rubber
	wheels - rubber





Descending devices	14 - <b>2</b>
Lifting and descending device	14 - <b>5</b>
Pulleys and pulley blocks	14 - 6





**TU 100** 

Comes with cargo lashing AX 500 and bag.





**TU 101** 

Comes with cargo lashing AX 500 and bag.

Port-a-wrap - TU 100 - a device designed for arborists. Used mainly for sectional tree felling. Used for controlled descending of material. By correct weaving the cable through the device, branches or parts (sections) of the trunk can be safely lowered to the ground. Maximum tree diameter for cargo lashing AX 500 is 1.2m.

Port-a-wrap - TU 101 - a device designed for arborists. Used mainly for sectional tree felling. Used for controlled descending of material. By correct weaving the cable through the device, branches or parts (sections) of the trunk can be safely lowered to the ground. Maximum tree diameter for cargo lashing AX 500 is 1.2m.

## **PARAMETERS**

galvanized steel
50 kN
10 kN
7,30 kg
370 x 385 x 300 mm
ø 10 – 14 mm

REF. NO.:

TU 100

2

## **PARAMETERS**

Cable diameter:		ø 10 – 14 mm
Dimensions:		178 x 250 x 200 mm
Weight:		5,80 kg
Maximum Working Load	d (WLL):	30 kN
Minimum Breaking Stre	ngth (MBS):	150 kN
Material:	stainless ste	el, electrochemically polished

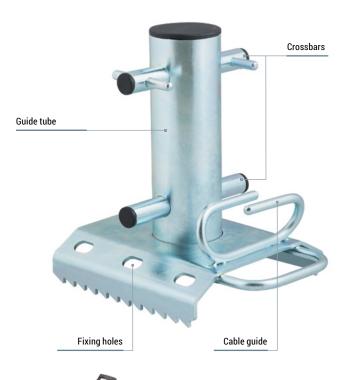
REF. NO.:

TU 101

14

Bag included

14







Port-a-wrap - TU 100 - a device designed for arborists. Used mainly for sectional tree felling. Used for controlled descending of material. By correct weaving the cable through the device, branches or parts (sections) of the trunk can be safely lowered to the ground. Maximum tree diameter for cargo lashing AX 500 is 1.2m.

Port-a-wrap - TU 200 - a device designed for arborists. Used mainly for sectional tree felling. Used for controlled descending of material. By correct weaving the cable through the device, branches or parts (sections) of the trunk can be safely lowered to the ground.

## **PARAMETERS**

Cable diameter:	ø 10 – 14 mm
Dimensions:	335 x 300 x 250 mm
Weight:	6,45 kg
Maximum Working Load (WLL):	10 kN
Minimum Breaking Strength (MBS):	50 kN
Material:	galvanized steel

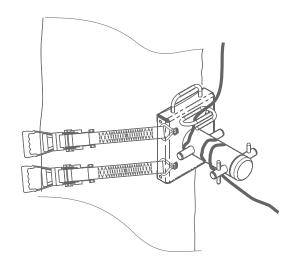
REF. NO.:

TU 110

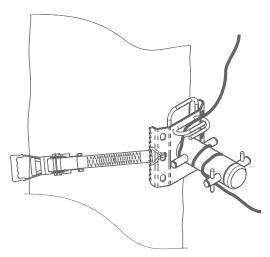
## **PARAMETERS**

Cable diameter	410 14 mm
Cable diameter:	ø 10 – 14 mm
Dimensions:	265 x 230 x 75 mm
Weight:	1,92 kg
Maximum Working Load (WLL):	10 kN
Minimum Breaking Strength (MBS):	50 kN
Material:	galvanized steel

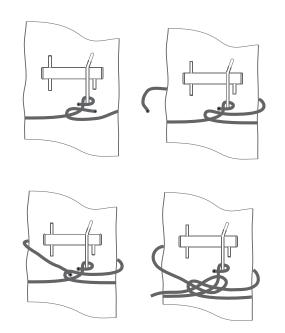
REF. NO.:



TU 100



TU 110



TU 200, TU201





Port-a-wrap - TU 201 - a device designed for arobrists made of stainless steel. Used mainly for sectional tree felling. Used for controlled descending of material. By correct weaving the cable through the device, branches or parts (sections) of the trunk can be safely lowered to the ground.

Dimensions:	260 x 282 x 108 mm
Weight:	2,32 kg
Maximum Working Load (WLL):	10 kN
Minimum Breaking Strength (MBS):	50 kN
Material:	stainless steel



**PARAMETERS** 

Maximum Working Load (WLL):	13 kN
Minimum Breaking Strength (MBS):	65 kN
Cable diameter:	8 - 14 mm
Power factor - 1	11.70
Power factor - 2	46.50
Gear ratio - 1	2.30
Gear ratio - 2	9.17
Material:	base – powder–coated steel spindle – stainless steel covers – aluminium gear wheels – galvanized steel
Dimensions:	429 x 250 x 355 mm
Weight:	10,2 kg
REF. NO.:	
TU 120	

The winch is designed for precise descending and lifting of the material. Adapted to be fixed on the tree trunk by means of the base and two fixing straps. The base has two removable rubber fender beams protecting the tree bark against damage. Cable guides are intended to maintain correct position of the cable when unwinding from and

Comes with cargo lashing AX 500 and bag.

Maximum tree diameter for cargo lashing AX 500 is 1.2m.

winding on the drum.

#### EN 12278:2007



# **COLOUR VERSIONS**









#### **PARAMETERS**

Dimensions:	176 x 96 x 88 mm
MBS:	100 kN
WLL:	20 kN
Safety Factor:	5:1
Maximum rope diameter:	<18 mm
Through hole diameter:	18 mm
Weight:	1,38 kg
Material:	body - forged aluminium main axle - stainless steel rollers - aluminium

REF. NO.:

TU 400

# **TU 401**

# Small pulley with through hole and with twist lock

#### EN 12278:2007



# **COLOUR VERSIONS**









#### **PARAMETERS**

176 x 96 x 88 mm
100 kN
20 kN
5:1
<18 mm
18 mm
1,38 kg
body - forged aluminium main axle - stainless steel rollers - aluminium

REF. NO.:

#### EN 12278:2007



#### **PARAMETERS**

Dimensions:	176 x 96 x 88 mm
MBS:	100 kN
WLL:	20 kN
Safety Factor:	5:1
Maximum rope diameter:	<18 mm
Weight:	1,40 kg
Material:	body - forged aluminium main axle - stainless steel rollers - aluminium

# **COLOUR VERSIONS**









REF. NO.:

TU 402

# **TU 403**

# Small pulley without through hole and with twist lock

#### EN 12278:2007



# **PARAMETERS**

Dimensions:	176 x 96 x 81 mm
MBS:	100 kN
WLL:	20 kN
Safety Factor:	5:1
Maximum rope diameter:	<18 mm
Weight:	1,40 kg
Material:	body – forged aluminium main axle – stainless steel rollers – aluminium

# **COLOUR VERSIONS**









REF. NO.:

# **LIFTING AND DESCENDING DEVICES**

14

#### EN 12278:2007



## **COLOUR VERSIONS**













#### **PARAMETERS**

Dimensions:	238 x 85 x 115 mm
MBS:	125 kN
WLL:	25 kN
Safety Factor:	5:1
Maximum rope diameter:	<30 mm
Through hole diameter:	30 mm
Weight:	2,30 kg
Material:	body - forged aluminium main axle - stainless steel rollers - aluminium

REF. NO.:

TU 404

# **TU 405**

# Large pulley with through hole and with twist lock

#### EN 12278:2007



#### **COLOUR VERSIONS**







# **PARAMETERS**

Dimensions:	238 x 85 x 115 mm
MBS:	100 kN
WLL:	20 kN
Safety Factor:	5:1
Maximum rope diameter:	<30 mm
Through hole diameter:	30 mm
Weight:	2,3 kg
Material:	body - forged aluminium main axle - stainless steel rollers - aluminium
REF. NO.:	

#### EN 12278:2007



#### **COLOUR VERSIONS**









#### **PARAMETERS**

Dimensions:	238 x 85 x 115 mm
MBS:	125 kN
WLL:	25 kN
Safety Factor:	5:1
Maximum rope diameter:	<30
Weight:	2,5 kg
Material:	body – forged aluminium main axle – stainless steel rollers – aluminium

REF. NO.:

TU 406

# **TU 407**

# Large pulley without through hole and with twist lock

#### EN 12278:2007



#### **COLOUR VERSIONS**











#### **PARAMETERS**

238 x 85 x 115 mm
100 kN
20 kN
5:1
<30
2,5 kg
2,3 kg
body – forged aluminium main axle – stainless steel rollers – aluminium

REF. NO.:



Pulley block TU 410 is designed to lift and descend materials, loads. It is used mainly in sectional tree felling. Used for controlled descending of the material. By correct weaving the cable through the device, branches or parts (sections) of the trunk can be safely lowered to the ground. This is a perfect solution for use in inaccessible, tight 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 15m of operating rope length in a 60m long rope.



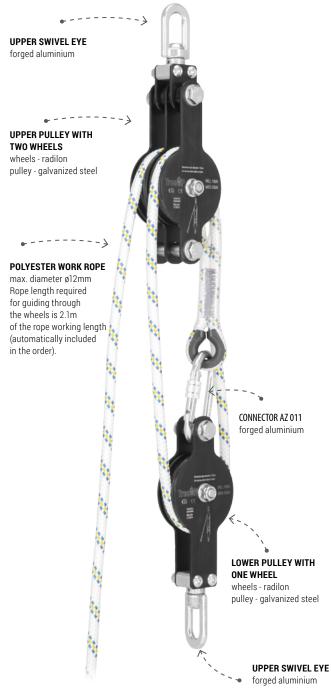
#### **PARAMETERS**

Dimensions: 198 x 198 mm - TU412
Voight 1822 g - TU411
Veight: 1508 g - TU412
Gear ratio (set): 4:1
IBS: 50 kN
IDS. SUKN
10.11
VLL: 10 kN
vLL: 10 KN hrough hole diameter: Ø 8 – 12 mm (textile rope

REF. NO.:

TU 410 (set TU411 + TU 412)	
TU 411	
TU 412	

#### Machine Directive: 2006/42/EEC



#### **INTENDED USE**

Pulley block TU 413 can be used for tree climbing (sectional tree felling) and load transporting. The device is designed to lift and descend loads. It is not designed for use as personal fall protection equipment.

#### **DESIGN**

The TU 413 pulley block set comprises the following elements:

- a) upper rope pulley with two wheels
- b) lower rope pulley with one wheel
- c) connector for connecting the work rope end to the lower pulley
- d) work rope

#### **USED MATERIALS**

Both (upper and lower) pulleys comprise wheels made of plastic - radilon (set on ball bearings, enabling free wheel motion under load) connected to galvanized steel plates.

Axles and fasteners (bolts, nuts, washers) are made of galvanized steel. Each pulley is provided with a swivel eye made of aluminium alloy. The eye on the upper pulley can be additionally rotated against the pulley block body.

#### **WORK ROPE LENGTH RANGE**

Along with the reduction in force required to lift or descend a load, the rope length "S" required to lift the load for height "H" increases three times. Example: if you want to lift a load at height H = 3m, from the pulley, pull away the rope length S = 3 \* H = 3 \* 3m = 9m. Take this into account when choosing the required rope length. The pulley block can be used only with textile rope, max. diameter ø 12mm.

Maximum rope diameter:	ø 12 mm
Device ratio:	3:1
Minimum Breaking Strength (MBS):	50 kN
Working Load Limit (WLL):	10 kN
Safety Factor:	5:1
Weight of set (without work rope):	2,47 kg

REF. NO.:	ROPE LENGTH:
TU 413	-
TU 413 10	10 m
TU 413 20	20 m
TU 413 30	30 m
TU 413 40	40 m
TU 413 50	50 m



#### **PARAMETERS**

Material:	galvanized steel, radilon stainless steel, cast iron castinç
Weight:	1,14 kg
Dimensions:	300 x 130x 56 mm
Working load:	max. 1000 kg
Steel cable diameter:	6,3 mm
Textile rope diameter:	8,0 - 12,0 mm
Safety Factor:	3:1
Gear ratio:	1:2
WLL:	10 kN
MBS:	40 kN
REF. NO.:	

# **TU 416**

# Pulley with hook 2000kg



Makadal	and and an all and the second
Material:	galvanized steel, cast iron casting stainless steel
Weight:	2,15 kg
Dimensions:	330 x 130x 56 mm
Working load:	max. 2000 kg
Steel cable diameter:	6,3 - 8,0 mm
Textile rope diameter:	12,0 - 14,0 mm
Safety Factor:	3:1
Gear ratio:	1:2
WLL:	20 kN
MBS:	60 kN
REF. NO.:	
TU 416	







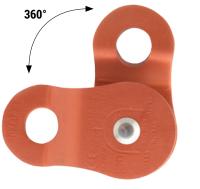
# PROTEKT

**EXAMPLE USE**OF PULLEYS

PL 101 Pulley



Dimensions:	133 x 56 x 128 mm
Weight:	450 g
Working load:	max. 1000 kg
Breaking strength:	30 kN
Safety Factor:	5:1
Rope diameter:	6 mm – 12 mm
REF. NO.:	
PL 101	





#### **PARAMETERS**

Dimensions:	80 x 44 x 37 mm
Weight:	105 g
Material:	aluminium alloy
MBS:	25 kN
WLL:	5 kN
Safety Factor:	5:1
Maximum rope diameter:	<13,5 mm
Ø mounting hole:	≤16 mm

#### **COLOUR VERSIONS**











REF. NO.:

TU 420

# **TU 421**

# **Triple pulley**



# PARAMETERS

Dimensions:	90 x 70 x 37 mm
Weight:	160 g
Material:	aluminium alloy
MBS:	25 kN
WLL:	5 kN
Safety Factor:	5:1
Maximum rope diameter:	<13,5 mm
Ø mounting hole:	≤16 mm

# **COLOUR VERSIONS**











REF. NO.:



#### **COLOUR VERSIONS**











Single pulley made of aluminium with movable pads designed for setting up of compound pulley systems. Also suitable in rescue applications.

#### **PARAMETERS**

Dimensions:	122 x 80 x 38 mm
Weight:	257 g
Material:	aluminium alloy
MBS:	30 kN
WLL:	6 kN
Safety Factor:	5:1
Maximum rope diameter:	<15 mm

REF. NO.:		

# TU 430

# **TU 431**

#### EN 12278



# **COLOUR VERSIONS**



# **Double pulley**

Double pulley made of aluminium with movable pads designed for setting up of compound pulley systems. Also suitable in rescue applications.

#### **PARAMETERS**

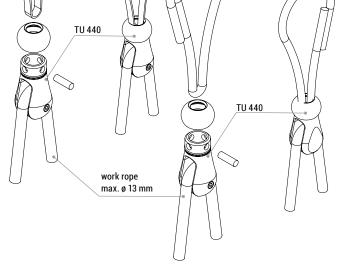
Dimensions:	162 x 80 x 63 mm
Weight:	470 g
Material:	aluminium alloy
MBS:	30 kN
WLL:	6 kN
Safety Factor:	5:1
Maximum rope diameter:	<15 mm
REF. NO.:	
TU 431	

15



## **PARAMETERS**

Dimensions:	85 x 40 x 39 mm
MBS:	25 kN
WLL:	5 kN
Working load:	500 kg (5 kN)
Weight:	153 g
Maximum Prusik diameter:	ø 10 mm
Maximum work rope diameter:	ø 13 mm
Maximum webbing sling width:	21 mm
Material:	aluminium, hardened steel
REF. NO.:	
TU 440	



# **COLOUR VERSIONS**







black



red

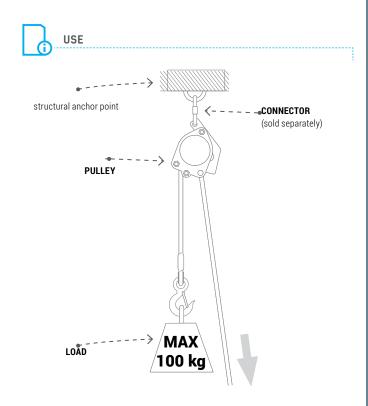


#### **INTENDED USE**

Pulley is designed to lift and descend loads. It is fitted with a mechanism braking the load when the rope is released by the worker who pulls the rope.

#### **SPECIAL FEATURES**

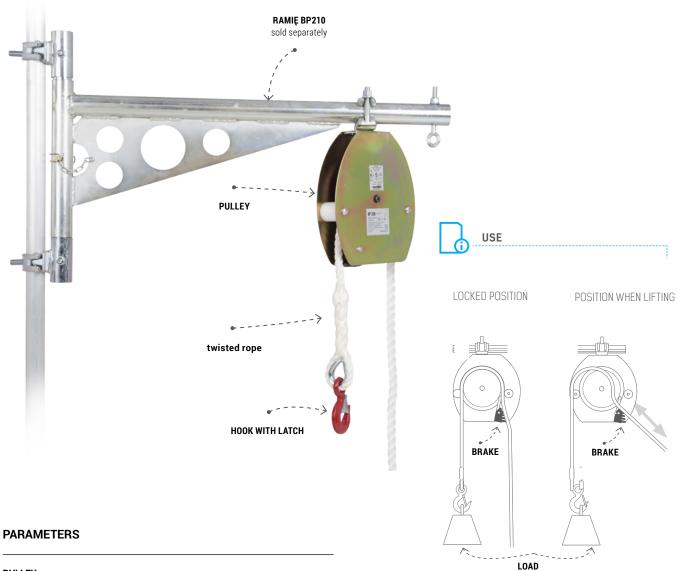




PULLEY	
Dimensions:	190 x 55 x 150 mm
Working Load Limit (WLL):	100 kg
Weight:	≈2,2 kg
Material:	steel, aluminium
ROPE	
Diameter:	14 mm
Material:	polyester
Manufacture:	twisted rope
HOOK WITH LATCH	
Material:	powder coated steel
Opening:	26 mm
Weight:	410 g
Load capacity:	1000 kg
Breaking strength:	50 kN

REF. NO.:	CABLE LENGTH
BP 020-20	20,0 m
BP 020-30	30,0 m
BP 020-50	50,0 m

#### EN 13157:2004+A1:2009, EN 12278:2001



300 x 300 x 54 mm
100 kg
galvanized steel
16 mm
polyester
twisted rope
galvanized steel
26 mm
410 g
1000 kg
50 kN

# **INTENDED USE**

Pulley with load capacity of 460kg is designed for manual lifting and descending of free loads with use of rope, 18mm dia. The pulley design complies with European Parliament and Council Directive 2006/42/EC and harmonized standards EN13157:2004+A1:2009 and EN 12278:2001.

REF. NO.:	CABLE LENGTH
BP 200 20	20 m
BP 200 30	30 m
BP 200 40	40 m
BP 210 - arm	

14



Screens

**Ground tents** 

Safety barriers

**Protection netting** 

Warning signs

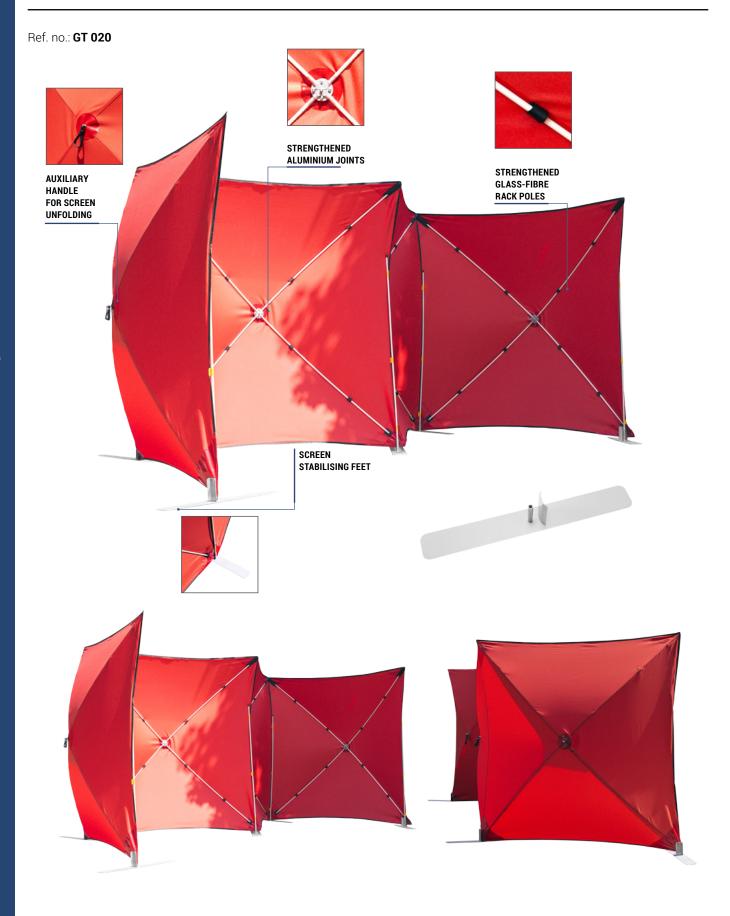
15 - 2

15 - 12

15 - **21** 

15 - **22** 

15 - **31** 











# CARGO BAG INCLUDED



# **PARAMETERS**

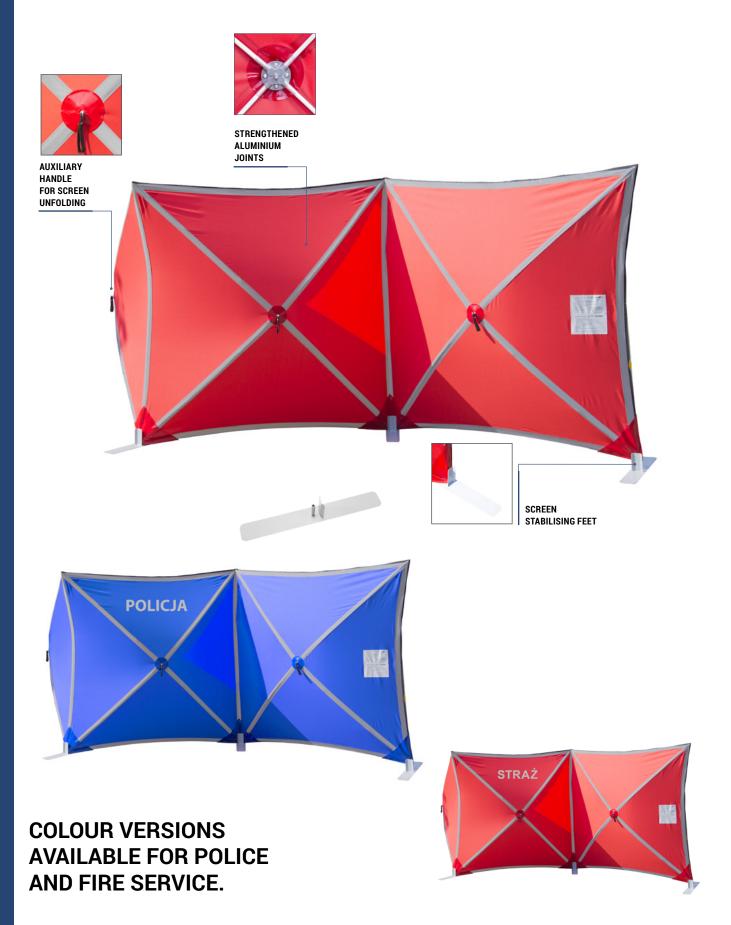
Number of segments:	4
Segment dimensions:	1.60 x 1.60m or 1.80 x 1.80m

#### **COLOUR VARIANTS**

Red			01	
Blue			02	
REF. NO.:	DIMENSIONS	WEIGHT		
GT 020 160 clean	1,60 x 1,60 m	4,70 kg		
GT 020 161 with printing	1,60 x 1,60 m	4,70 kg		
GT 020 180 clean with feets	1,80 x 1,80 m	11,7 kg		
GT 020 181 with printing and feets	1,80 x 1,80 m	11,7 kg		



Ref. no.: **GT 030** 









# **CARGO BAG INCLUDED**

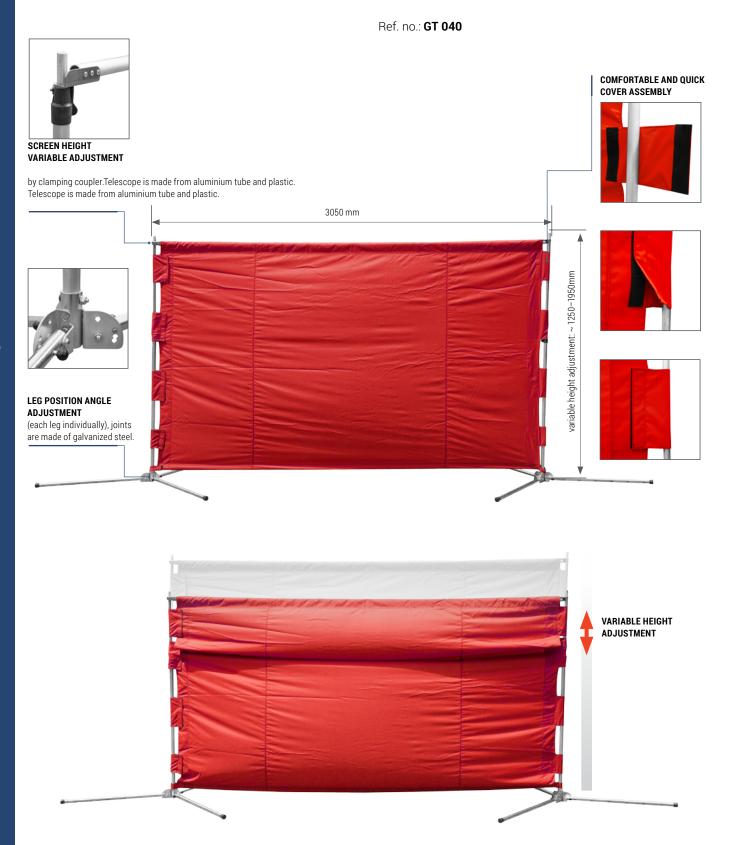


# **PARAMETERS**

Number of segments:	4
Segment dimensions:	1.60 x 1.60m or 1.80 x 1.80m

# **COLOUR VARIANTS**

Red			01	
Blue			02	
REF. NO.:	DIMENSIONS	WEIGHT		
GT 030 160 clean	1,60 x 1,60 m	5,75 kg		
GT 030 161 with printing	1,60 x 1,60 m	5,75 kg		
GT 030 180 clean with feets	1,80 x 1,80 m	11,7 kg		
GT 030 181 with printing and feets	1,80 x 1,80 m	11,7 kg		



Adjustable screen designed for guarding and sheltering of locations during traffic accidents, natural disasters, etc. Variable screen length adjustment ~1.25 - 1.95m with side telescopic tripods. Adjustment of leg position up and down in relation to the horizontal. Leg transport lock. The kit includes cargo bag and cover for folded equipment

6





# COLOUR VERSIONS AVAILABLE FOR POLICE AND FIRE SERVICE.

SCREENS CAN BE COMBINED TOGETHER





## **PARAMETERS**

Weight:	15,50 kg
Dimensions:	height: 1,25-1,95 m, width: 3,05 m+
Material:	fabric: polyester, rack: galvanized steel, aluminium

#### **COLOUR VARIANTS**

GT 040		
REF. NO.:		
Blue	02	
Red	01	



Adjustable screen with reflective tapes

#### **PARAMETERS**

Dimensions when folded:	0,15 x 0,15 x 1,5 m
Max dimension of screen when unfolded::	1,78 x 1,48 m
Material:	fabric - polyester rack - powder-coated steel
Weight:	13 kg

Adjustable screen designed for guarding and sheltering of locations during traffic accidents, natural disasters, etc. The kit includes cargo bag and cover for the fabric.

#### **COLOUR VARIANTS**

Red	01	
Blue	02	
REF. NO.:		
GT 050		



Light and durable folding tent for covering of corpse on the inspection of the scene, site inspection, etc. Intended for the use by police, fire brigade, coroner, funeral home, etc. Tent is folding thanks to resilient rack, without unfolding to smaller pieces. Top walls are opened by zippers allowing for the inspection inside, without having to remove the tent. Possibility of providing an additional inscription, e.g. "CRIME SCENE", "POLICE", "CORONER" at an extra charge. Transport cover included.

INNER ALUMINIUM JOINTS

#### **PARAMETERS**

Dimensions when folded:	17 x 79 cm
Dimensions of ground tent when folded:	220 x 110 x 95 cm
Material:	fabric - water-proof fabric: microfibre (black), polyester (red, blue) rack - aluminium, glass fibre
Weight:	4,0 kg

#### **CARGO BAG INCLUDED**

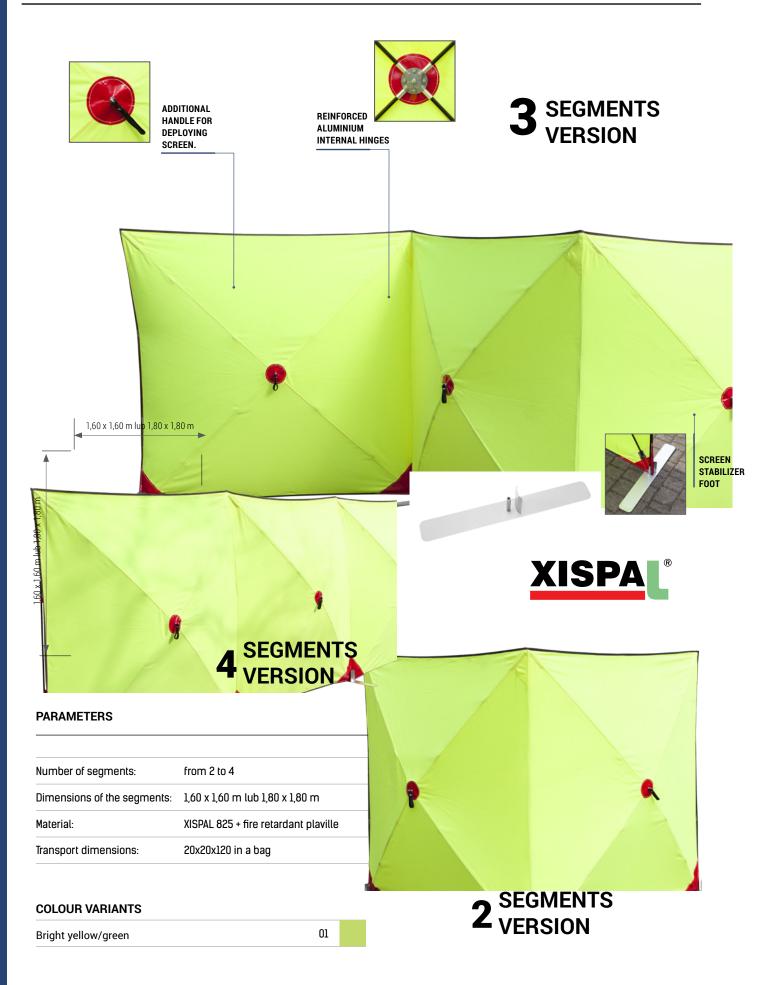


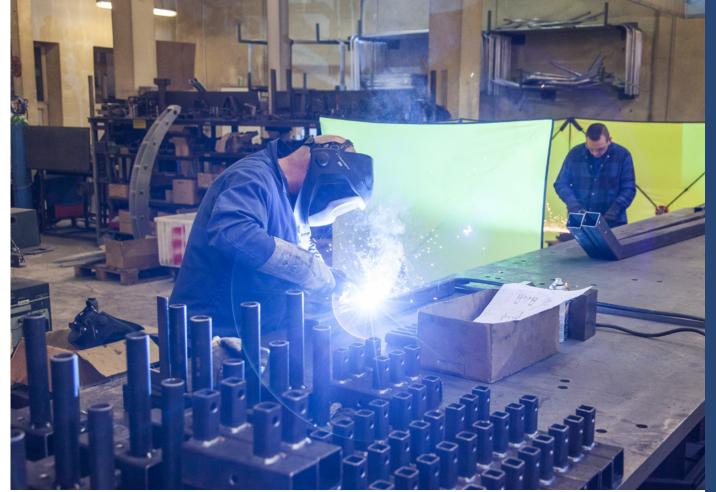
#### **COLOUR VARIANTS**

GT 140 - red, blue

GT 140 - black		
REF. NO.:		
Black	03	
	-	
Blue	02	
Red	01	











Ref. no.: GT 110





Openings for ventilation ducts



New strengthened fibre-glass rack poles Ø 12



New strengthened aluminium joints



Window holes protected with meshing

Safety tent GT 110 is designed to provide shelter against weather conditions during works in manholes, etc.

REF. NO.:

GT 110

Weight:	10,00 kg	
Dimensions:	180 x 180 x 180 cm	
Dimensions when fo	olded: 140 x 25 x 25 cm	
Time of unfolding/fo	olding: 3 min	



#### CARGO BAG INCLUDED





Ref. no.: AT 201



Scissor fence is designed for warning, and securing and guarding of work locations. Used for works at sewer and telecom manholes.

#### **PARAMETERS**

Height:	1,24 m
Weight:	4,75 kg
Unfolded fence:	max. side length 2.13m

REF. NO.:
AT 201

# **AT 202**

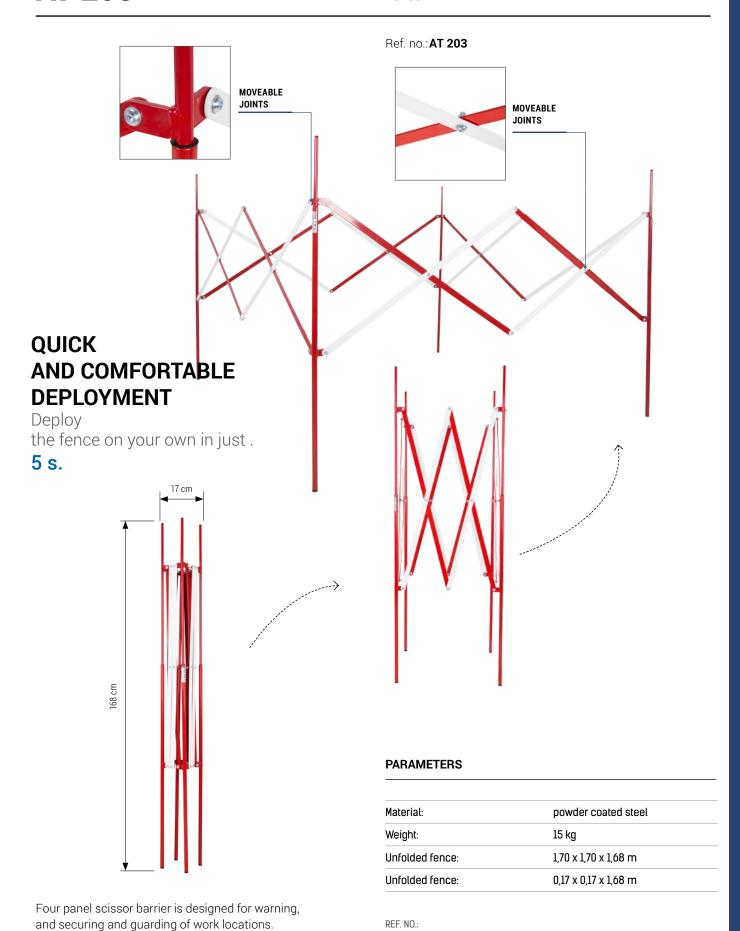
#### **Scissor barrier**

Ref. no.: **AT 202** 



Four panel scissor barrier is designed for warning, and securing and guarding of work locations. Used for works at sewer and telecom manholes.

Height:	1,24 m
Weight:	19 kg
Folded barrier:	0,25 x 0,25 x 1,24 m
Unfolded barrier:	max. side length 2.13m max. length 8.52m
DEE NO.	
REF. NO.:	



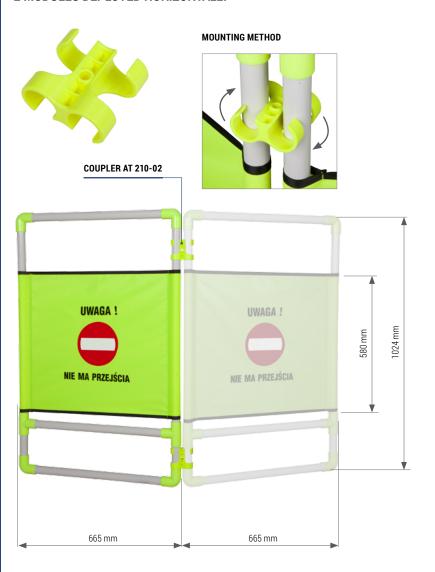
AT 203

Used for works at sewer and telecom manholes.

Ref. no.: **AT 210** 

#### **2 MODULES DEPLOYED HORIZONTALLY**

# 4 MODULES DEPLOYED VERTICALLY





protekt.co/at201

#### **PARAMETERS AT 210 - FENCE**

Material:	PVC + ABS
Weight (single module):	1,2 kg
Unfolded fence:	272 x 102 mm
Folded fence:	102 x 72 x 11,5 cm

#### **PARAMETERS AT 210-02 - COUPLER**

Material:	PVC	
Weight:	200 g	

#### **4 MODULES DEPLOYED HORIZONTALLY**





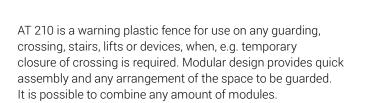












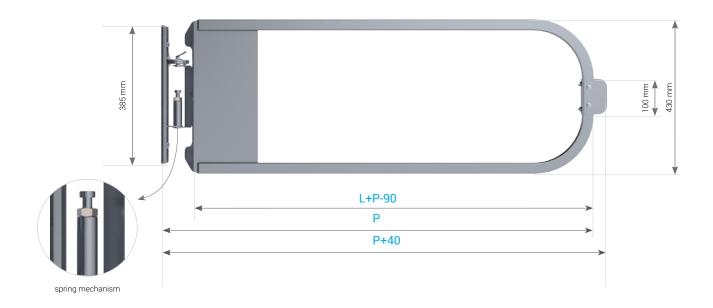


REF. NO.:

AT 210 - 1 module

AT 210-02 - 2 couplers

AT 210 kit - 4 modules + 6 couplers







- P Space required for security
- L Length to which the gate should be shortened before assembly

(1200 mm length is the standard supplied).

The AT 241 self-closing gate is a functional device enabling safe use of ladders, eg on silos or separating transitions in different locations.

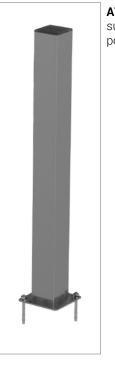
 AT 241	
REF. NO.:	
Unfolded barrier:	1100 x 426 mm
Dimensions:	0,25 x 0,25 x 1,24 m
Weight:	8 kg / 1.200 mm
Material:	galvanized steel powder coated

Fixing to concrete





#### **ELEMENTS OF THE SET ARE AVAILABLE SEPARATELY**



AT241 003 support post



0)0)

AT241 004 blocking plate



AT241 002 stainless steel clamp on pipe

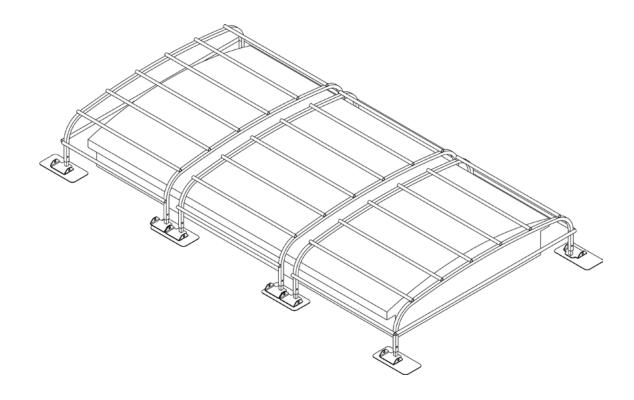


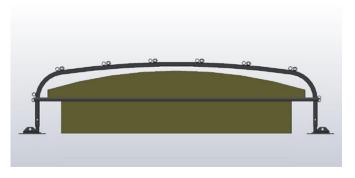
segmented anchors Hilti HST2 M12 x 115/20

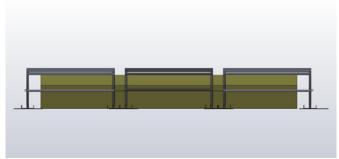
self drilling screws

5 x 25 mm









AT 242 is a system of fall protection grids (protection of skylights on flat and sloping roofs up to 15°) Installation without interfering with the roof sheathing - freestanding. The AT 242 system consists of intermediate modules and end modules with a maximum length of 1.2 m and a width of 2.5 m and legs with adjustable height.

Material:	hot-dip galvanized stee
Ability to absorb the kinetic energy of the fall: :	1400 J
Max. width of the protected skylight:	2,5 m
Max. length of the protected skylight:	1,2 m
Length:	without limits
Height:	adjustable
REF. NO.:	
 AT 242	

#### AN EXAMPLE OF THE APPLICATION OF THE AP 242 SYSTEM ON THE ROOF





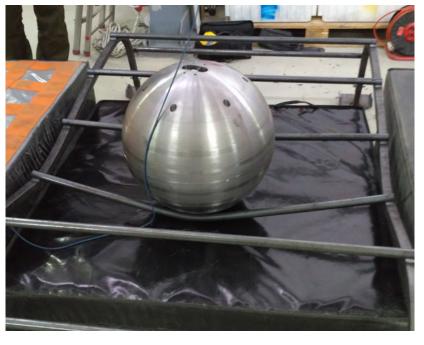




#### AN EXAMPLE OF THE GRID STRENGTH TEST



- The weight of the ball with a diameter of 0.5 m is 100 kg (according to PN-EN 1263-1 standard).
- The height of the ball drop on the grid is 1.4 m.



# **GROUND TENTS, SCREENS AND SAFETY BARRIERS**

Ref. no.: AT 501

#### **BASIC KIT - AT 501**



PRODUCT PRESENTATION

#### protekt.co/at501



Retractable strap barrier AT 501 is designed for securing, and warning and guarding of work locations.

#### **PARAMETERS**

REF. NO.:

AT 501

NR KAT.:

AT 501 + 2x AT 502

#### KIT INCLUDING ADDITIONAL POLES AT 502













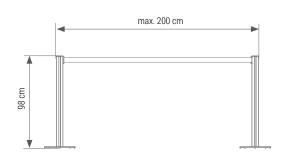








#### **POSSIBLE CONFIGURATION - AT 505 X 2**



# 32,5 - 200 cm

#### **PARAMETERS**

	AT 505 10	AT 505 20
Weight:	9,5 kg	9,5 kg
Pole height:	980 mm	1000 mm
Pole diameter:	70 mm	70 mm
Webbing width:	50 mm	50 mm
Strap length:	adjustable from 0 to 2.0m	adjustable from 0 to 2.0m
Foot diameter:	325 mm	350 mm
Post material:	powder coated aluminium	powder coated aluminium
Base material:	powder coated steel	plastic
Tape material:	poliester	plastic
Fastener material:	plastic	plastic

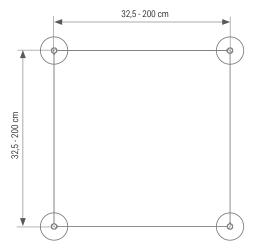
Steel foot is based on 8 plastic pods (to prevent surface scratches)

#### Colour:

- foot and post colour as per RAL colour palette (basic: RAL 5001)
- strap colour as per
   PROTEKT colour palette (basic: black)

REF. NO.:
AT 505 10
AT 505 20

#### **POSSIBLE CONFIGURATION - AT 505 X 4**





Ref. no.: **AT 506** 









Strap colour as per PROTEKT colour palette (basic: black)

0,4 kg
adjustable from 0 to 2.0m
polyester
coated aluminium and plastic



CHAIN

FOR COUPLING OF POSTS

Ref. no.: AT 507

**RESISTANCE TO WIND UP TO 158** km/h\*

\*On trapezoidal sheet base.

Resistance to wind up to: 151km/h (base - roofing paper), up to: 140km/h (base - PVC membrane).

Testing was carried out in aerodynamic tunnel at the Institute of Aviation, Warsaw.

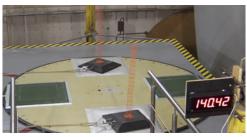
#### Trapezoidal sheet base



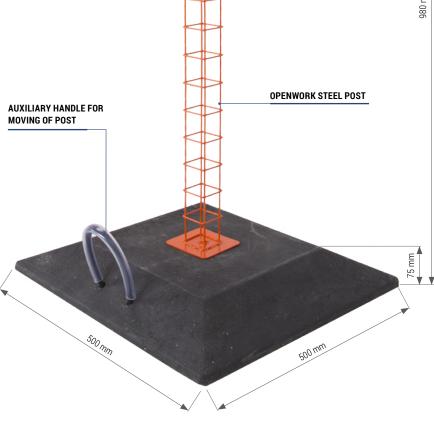
#### Roofing paper base



#### **PVC** membrane base



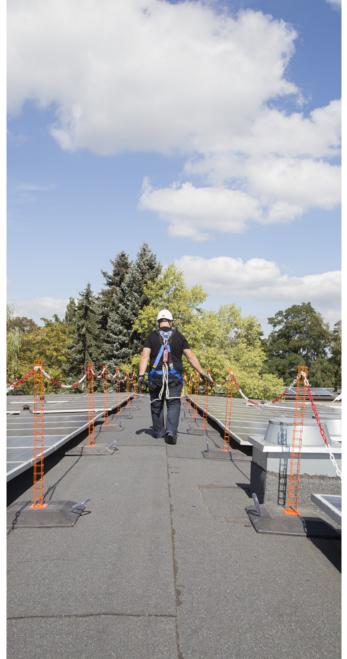
Openwork powder coated steel post with PVC foot for placement on roofs for guarding of danger areas and marking out of communication lanes. Posts are placed in a row, spaced ~2m and connected by plastic chain. Connecting chain, plastic (two-colour). Possibility of placing on various bases: roofing paper, trapezoidal sheet, PVC membrane. Allowed on roofs with inclination of no more than 5°.



Weight:	base - 15kg, whole 10kg
Post spacing:	~ 2m
Post with base material:	post – powder-coated steel, base – PVC recyclate
Materiał łańcucha:	plastic in various colours
Dimensions:	openwork post - 50 x 50 x 980 mm base - 500 x 500 x 75 mm



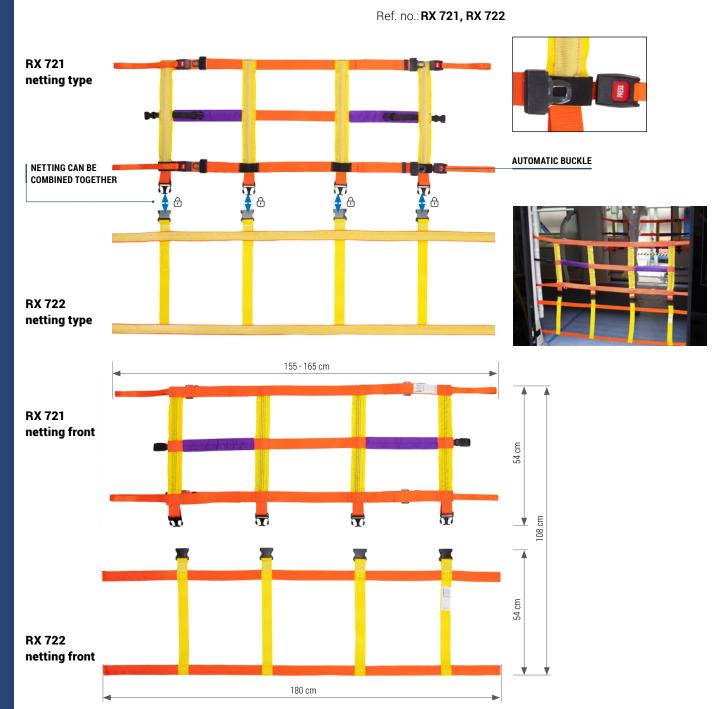






AT 507 (post with base + 2m chain)

On request yellow post + yellow-black chain is available



Netting RX 721, RX 722 for vertical protection, commonly used in places where a risk of fall is present (any door, window openings and crossings, etc.)

Recommended for the protection of:

- stairs
- openings in rail, metro wagons, trams and buses.

Material:	polyester
Netting dimensions:	RX 721 - 155-165 x 54 cm, RX 722 - 180 x 54 cm
Colour:	yellow, orange, purple
REF. NO.:	
RX 721	
DV 722	

Ref. no.: **RX 723** 





Netting RX 724 for vertical protection, commonly used in places where a risk of fall is present (any door, window openings and crossings, etc.)

Recommended for the protection of:

- stairs
- openings in rail, metro wagons, trams and buses.

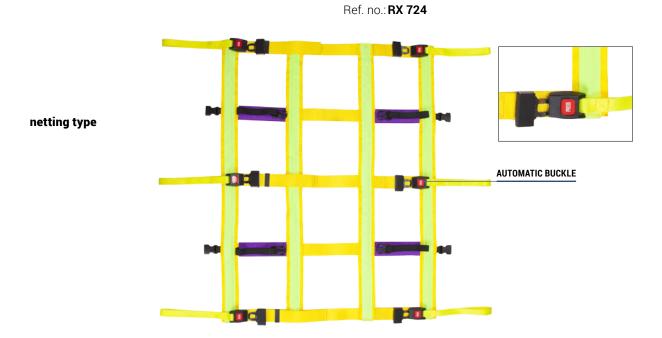
#### **PARAMETERS**

polyester	
153-168 x 103 cm	
yellow, yellow HV, orange HV, purple	
	153-168 x 103 cm

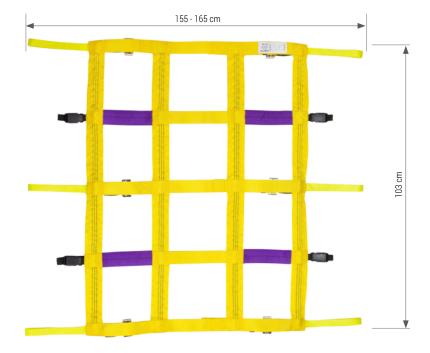
REF. NO.:

RX 723





netting front



Netting RX 724 for vertical protection, commonly used in places where a risk of fall is present (any door, window openings and crossings, etc.)

Recommended for the protection of:

- stairs
- openings in rail, metro wagons, trams and buses.

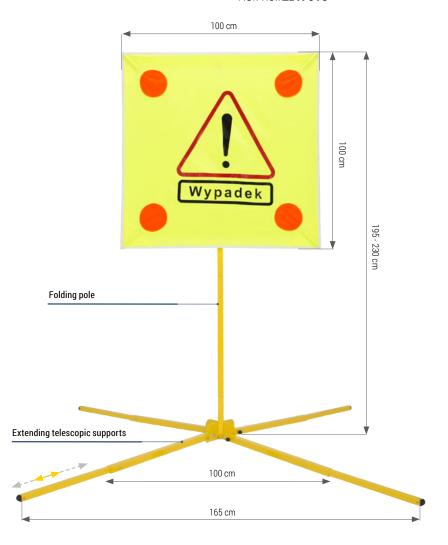
#### **PARAMETERS**

Material:	polyester
Netting dimensions:	114-130 x 103cm
Colour:	yellow, yellow HV, purple

REF. NO.:

RX 724

#### Ref. no.: **ZDR 010**











Folding sign ZDR 010 "ACCIDENT" is a portable solution enabling instant marking of a place of accident. The sign stand is made of powder coated steel and glass fibre. The sign fabric is made from Hi-Vis polyester.

- Adjustable height by folding legs.
- Possibility of placing on an uneven ground (each leg can be adjusted separately).
- Adjustable leg length.
- Cover and bag for transport and storage.

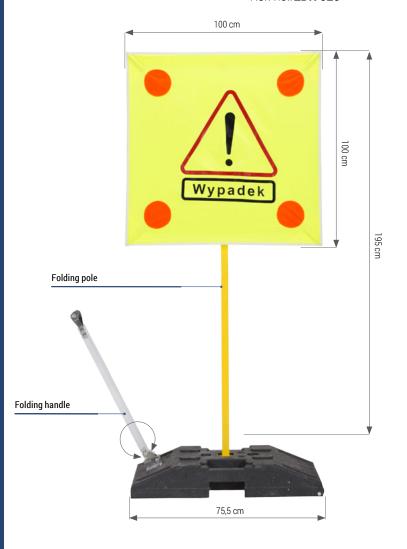
#### **PARAMETERS**

Material:	stand – powder–coated steel sign – polyester, glass fibre
Weight:	14kg - including cover
Dimensions:	95 x 25 x 25 cm - packed 100 x 100 cm -sign dimensions

REF. NO.:

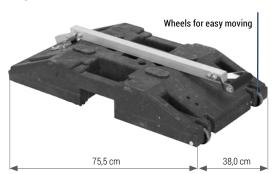
ZDR 010

#### Ref. no.: **ZDR 020**





#### **BASE**



#### **CARGO BAG**





Folding sign ZDR 020 "ACCIDENT" is a portable solution enabling instant marking of a place of accident. The sign stand is made of powder coated steel. The sign fabric is made from Hi-Vis polyester.

- Portable rubber base with wheels and handle.
- Cover and bag for transport and storage.

#### **PARAMETERS**

Material:	stand – powder-coated steel sign – polyester, glass fibre base – rubber compound
Weight:	5,00 kg – sign 27,00 kg – base
Dimensions:	95 x 25 x 25 cm – packed 100 x 100 cm – sign dimensions 75,5 x 38 x 14 cm – base

REF. NO.:

ZDR 020







On a special order, there is the possibility of making an individual print according to a separate valuation.

ZDR 040 is a race (with lug) road sign of a "pyramid" type. It is used to mark dangerous places, trenches, road works, etc. Transport and storage in a cover.



Transport bag 120 cm x 20 cm

Material:	Galvanized steel PCV HV (High visible)
Weight:	7,5 kg with a cover
Dimensions of the base - triangle:	125x125x125 cm
Transport dimensions:	20x20x120 cm
Height:	85 cm
REF. NO.:	
ZDR 040	



#### Ref. no.: **ZS 010**





#### **PARAMETERS**

Material:	powder coated steel
Weight:	3,8 kg
Dimensions:	497/700 x 258 x 66 mm

ZS 010 is a device for the protection of open manholes. Variable adjustment to suit to any type of manhole.

REF. NO.:

ZS 010

# Additional accessories

Bosun's chairs	16 - <b>2</b>
Climbing	16 - <b>4</b>
Tool lanyards	16 - <b>10</b>
Tool holders	16 - <b>18</b>
Cargo bags	16 - <b>20</b>
Cargo cases and boxes	16 - <b>23</b>
Covers	16 - <b>26</b>
Straps for heavy load handling	16 - <b>29</b>
Line throwing weights	16 - <b>30</b>
Tree climbing carts	16 - <b>35</b>
Paints and applicators	16 - <b>34</b>
Fans	16 - <b>38</b>





Ref. no.: BA

Bosun's chair BA including work rope. When working with the chair it is required to additionally use fall protection equipment. Person using the chair can be descended and lifted (gear ratio 1:4).

#### **PARAMETERS**

Seat dimensions:	530 x 270 mm	

OPERATING RANGE
0-10 m
0-20 m
0-30 m
0-40 m

# **BA 100**

#### Bosun's chair



Ref. no.: **BA 100** 

#### protekt.co/ba100

Bosun's chair with seat finished in anti-slip fabric. Side profiling provides stability during work.





Seat dimensions:	530 x 190 mm



REF. NO.:

BA 100





Bosun's chair, fitted with a safety strap and a seat with thermal insulation lining. 4 connectors AZ 011 are included.

#### **PARAMETERS**

Seat dimensions:	530 x 270 mm	
------------------	--------------	--

REF. NO.:

BA 200

### **BA 300**



#### Bosun's chair

Ref. no.: **BA 300** 

Bosun's chair is made of tarpaulin fabric. Load bearing textile webbings with equipment holders and one closed pocket, dimensions 230 x 200mm.

#### **PARAMETERS**

Seat dimensions: 530 x 190 mm

REF. NO.:

BA 300



Ref. no.: CD 401

Rigging plate is designed for quick setting up of complex rigs thanks to numerous boreholes for connectors. Rigging plate has a large single main connecting point and three holes 20mm dia for connectors.

#### **PARAMETERS**

CD 401		
REF. NO.:		
Material:	aluminium	
Dimensions:	90 x 83,5 mm	
Strength:	36 kN	
Weight:	62 g	

# **CD 402**

#### Rigging plate

Ref. no.: **CD 402** 

Rigging plate designed for quick forming of complex rigs thanks to numerous boreholes for connectors. Rigging plate enables extension of connecting points on a rig. It has a large single main connecting point with two auxiliary holes, and 5 holes 20mm dia for connectors.



#### **PARAMETERS**

240 g	
50 kN	
100 x 159 mm	
aluminium	
	50 kN 100 x 159 mm

REF. NO.:

CD 402



Rigging plate enables perfect alignment of connectors in the line of action of the force. It can also be used as a main rigging point in complex systems. The rigging plate has 5 holes 20mm dia at one side, and 8 holes 20mm dia for connectors.

#### **PARAMETERS**

Weight:	500 g
Strength:	50 kN
Dimensions:	149 x 248 mm
Material:	aluminium
REF. NO.:	
CD 403	

# **CD 101**

#### **Double pulley**

Ref. no.: **CD 101** 



Double pulley CD 101 is a device designed for horizontal transport using textile ropes of up to 13mm dia.

Weight:	250 g
Dimensions:	103 x 90 x 33 mm
REF. NO.:	
CD 101	



Ref. no.: CD 201, CD 202



Chest ascender CD 201 and CD 202 without handle is designed for rope ascending or belaying. To be used with a kernmantle rope 8-13mm dia. Fitted with rope grab.

#### **PARAMETERS**

Weight:	220 g
Dimensions:	134 x 90 x 28 mm

REF. NO.:	
CD 201	
CD 202	

# CD 201L, CD 202L

#### **Chest ascender**

Ref. no.: CD 201L, CD 202L



Chest ascender CD 201 ultra light and CD 202 ultra light without handle is designed for rope ascending or belaying. To be used with a kernmantle rope 8-13mm dia. Fitted with rope grab.

#### **PARAMETERS**

CD 202L

Weight:	135 g	
Dimensions:	112 x 95 x 23 mm	
REF. NO.:		
CD 201L		





Ref. no.: CD 211, CD 212

Handled ascender CD 211 and CD 212 with handle for right- and left-hand users is designed for rope ascending on vertical surfaces or on slopes. To be used with a kernmantle rope 8-13mm dia. Fitted with rope grab.

#### **PARAMETERS**

Weight:	220 g
Dimensions:	207 x 100 x 28 mm

REF. NO.:	
CD 211	
CD 212	

# CD 211L, CD 212L

#### **Chest ascender**

PRODUCT PRESENTATION

protekt.co/cd211l



Ref. no.: CD 211L, CD 212L

Belay CD 211 ultra light and CD 212 ultra light with handle for right- and left-handed users is designed for rope ascending on vertical surfaces or on slopes. To be used with a kernmantle rope 8-13mm dia. Fitted with rope grab.

Weight:	205 g
Dimensions:	190 x 93 x 24 mm
REF. NO.:	
CD 211L	
CD 212L	



Ref. no.: **CD 302** 

Rappel eight CD 302 is used rappel or rescue with use of a single or half rope.

#### **PARAMETERS**

Weight:	80 g	
Dimensions:	108 x 80 x 7 mm	

REF. NO.: CD 302

# **CD 303**

#### Rigging plate

Ref. no.: **CD 303** 



Rappel eight CD 303 for rope descending.

80 g	
131 x 74 mm	
8 - 13 mm	
	131 x 74 mm

Ref. no.: **KR 200, KR 210** 



K 200 K 210

#### **PARAMETERS**

	KR 200 SWIVEL SHACKLE WITH BEARINGS	KR 210
Weight:	167 g	157 g
Dimensions:	113 x 54 x 34 mm	113 x 54 x 34 mm
Materiał:	aluminium alloy	aluminium alloy
Static strength:	no less than 30 kN	no less than 30 kN
Breaking strength:	less than 50 kN	less than 50 kN
REF. NO.:	_	
KR 200		
KR 210		

# **KLK 100, KLK 200**



**KLK 100** 



Ref. no.: KLK 100, KLK 200

**KLK 200** 

REF. NO.:	
KLK 100	
KLK 200	





Periodical inspection tag for marking of the date of the next periodical inspection of the equipment. Available in different colours on request. REF. NO.:

AY 004

AY 005 Perforator for periodical inspection tag AY 004

**AY 001** 

Wrist tool lanyard

Ref. no AY 001

Ref. no AY 001

Ref. NO:

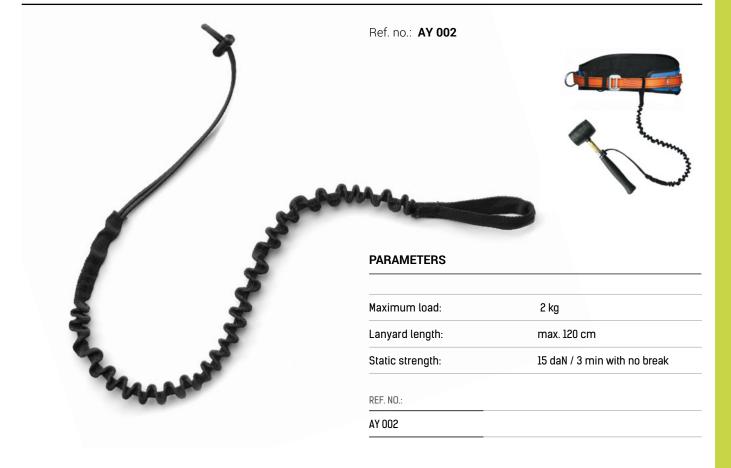
AY 005

Ref. NO AY 001

04

05

06



# **AY 003**

#### Retractable tool holder



Ref. no.: AY 003



#### **PARAMETERS**

Maximum load:	2 kg	
Lanyard length:	max. 115 cm	
Static strength:	35 daN / 3 min with no brea	

REF. NO.:

AY 003



Ref. no.: **AY 010** 

Retractable tool holder with lanyard lock and webbing for wearing on the wrist.

#### **PARAMETERS**

max 115 cm
35 daN

AY 011 Wrist tool lanyard

**AY 012** 

Tool lanyard for left-hand users





Maximum load:	2 kg	
Lanyard length:	max. 115 cm	
Static strength:	35 daN / 3 min with no break	
REF. NO.:		
AY 012		

REF. NO.:

AY 011





#### **PARAMETERS**

AY 032	
REF. NO.:	
Material:	polyamide
Weight:	5 g
Size:	universal
Dimensions:	45 x 15 x 20 mm

Ref. no.: **AY 032** 

# AY 024 Connecting lanyard

Ref. no.: AY 024

## **KLK 420**

KLK 420 26

Ref. no.: KLK 420



#### **PARAMETERS**

Lanyard length without rings:	30 cm
Ring diameter:	45 mm
Weight:	25 g
Material:	plastic-coated galvanized steel cable ø 2mm

REF. NO.:

AY 024





REF. NO.:	ROPE DIAMETER
KLK 420 12	ø 12 mm
KLK 420 16	ø 16 mm

ø 26 mm



#### **PARAMETERS**

Weight:	20 g
Material:	EPDM
Dimensions:	61 x 50 x 30 mm

New, easy-to-use connector-stabilising thimble guard, intended for textile ropes 12mm and 14mm.

REF. NO.:

AY 033

**AY 034** 

#### **Connector stabiliser**

Ref. no.: AY 034

NEW





with various textile ropes and webbings.

#### **PARAMETERS**

Weight: 3,5 g

Material: thermoplastic elastomere

Dimensions: 65 x 20 x 5 mm



REF. NO.:

AY 034

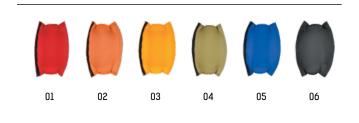


Ref. no.: **TA 060** 

#### **PARAMETERS**

Material: polyester / PVC fabric

#### **COLOUR VERSIONS**



REF. NO.:

TA 060

#### **TA 061 Energy absorber ABM aramid cover**

## **TA 070**

#### Absorber cover



#### **PARAMETERS**

aramid fabric



poliester
available for use with the bag:
185 +/- 5 mm
135 +/- 5 mm
70 +/- 5 mm
400 – 800 mm



Padding for shoulder straps on full body harness. Made of fabric-coated neoprene foam. Improves comfort when working in full body harness, and helps reduce constriction caused by the shoulder straps. Facilitates wearing of full body harness. Can be used with all types of full body harnesses manufactured by PROTEKT.

REF. NO.:

PS 001



Multi-purpose pad for full body harness. Made of leather and fabric coated neoprene foam. Improves comfort when working in full body harness, and helps reduce constriction caused by the straps. Can be used with all types of full body harnesses manufactured by PROTEKT. The padding protects harness straps against damage.

REF. NO.:

PS 003

## PS 002 Multi-purpose padding for shoulder straps



Padding for shoulder straps on full body harness. Made of fabric-coated neoprene foam. Improves comfort when working in full body harness, and helps reduce constriction caused by the shoulder straps. Facilitates wearing of full body harness. Can be used with all types of full body harnesses manufactured by PROTEKT.

REF. NO.:

PS 002

PS 004 Multi-purpose padding for shoulder strap

Ref. no.: PS 004



Multi-purpose pad for full body harness. Made of leather and fabric coated neoprene foam. Improves comfort when working in full body harness, and helps reduce constriction caused by the straps. Can be used with all types of full body harnesses manufactured by PROTEKT. The padding protects harness straps against damage.

REF. NO.:

PS 004

16

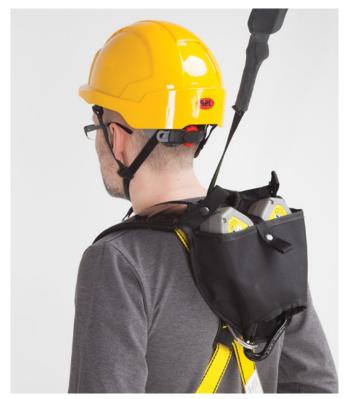
16 16 Additional accessories WWW.PROTEKT.COM.PL





Ref. no.: **PS 040** 





Light shoulder padding PS 040 intended for cooperation with WR 040 Double. The device ensures comfortable and safe work.

Material:	polyester, PVC
Weight:	250 g
REF. NO.:	
PS 040	

16









Ref. no.: **PE 010** 

Elastic belt designed for:

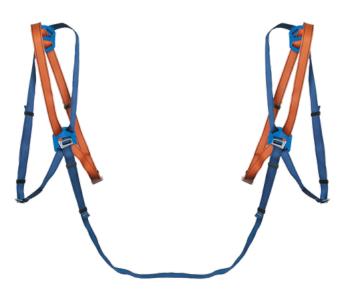
- · heavy duty machine operators and lorry drivers;
- workers who carry loads.

#### **PARAMETERS**

SIZE	WAIST
M	86 cm
L	86-96 cm
XL	96-108 cm
XXL	108-128 cm
REF. NO.:	
PE010	

### **AP 300**

#### Straps for heavy load handling



Straps for lifting heavy objects, such as furniture, chests, barrels, machine parts. Thanks to the strap design the load can be distributed evenly so that the user's spine is not overloaded. Kit for two users.

REF. NO.:

AP300





Set contains 2 pieces of each component.



AP 303 are new comfortable belts for carrying heavy items such as furniture, boxes, barrels or machine parts. The design of the belts allows the simultaneous distribution of the load on the employee's spine. AP 303 belts are equipped with automatic buckles that connect shoulder belts with adjustable belts.

#### **PARAMETERS**

Material:	polyester, PVC
Weight:	max. 3 m
REF. NO.:	
AP 303	

16





TU 350 is a specifically-designed light cone wedge for use on the ground and on trees. It is intended for small and medium-sized trees. After a cut is made in the tree, the cone wedge is inserted which makes it easier to release the cut saw guide or enables to control tree tilting. The cone wedge may be turned using a ratchet spanner, impact gun or a high-torque drill driver equipped with a 1/2" squared pin. The cone wedge is made of thermally-hardened steel and its surface is protected by thermal and chemical processing (black oxide treatment). It is easy to fasten to a harness using a flexible rope.

#### **PARAMETERS**

Material:	thermally tempered steel
Weight of the set:	642 g (cone wedge and rope)
Dimensions of the cone:	170 x 35 mm
Dimensions of the cone:	35 mm
The length of the cable:	130 cm (expanded)

REF. NO.:

TU 350



TU 360 is a pocket-size wooden wedge, made of durable plastics, helps to release the jammed saw guide without the risk of damaging the chain, even in case of contact with it. Compact size and low weight allows to use both on the ground and on the tree. large, central hole allows for attaching the wedge to the harness by means of majority of holders of tools and carabineers.

Material:	high-stroke thermal-plastics
Weight:	46 g
Dimensions:	93 x 49 x 18 mm
Available colours:	yellow / black

REF. NO.:

TU 360



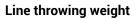
Ref. no.: **AY 080** 

#### **PARAMETERS**

Weight:	220 g, 280 g, 340 g, 400 g, 460 g
Material:	steel, lead, polyester

REF. NO.:	WEIGHT
AY 080 220	220 g
AY 080 280	280 g
AY 080 340	340 g
AY 080 400	400 g
AY 080 460	460 g

## **AY 081**





Ref. no.: AY 081

Weight:	220 g, 280 g, 340 g, 400 g, 460 g
Material:	steel, lead, reinforced PVC

REF. NO.:	WEIGHT
AY 081 220	220 g
AY 081 280	280 g
AY 081 340	340 g
AY 081 400	400 g
AY 081 460	460 g



Ref. no.: **AY 082** 

#### **PARAMETERS**

Weight:	220 g, 280 g, 340 g, 400 g, 460 g
Material:	steel, lead, synthetic leather, polyester

REF. NO.:	WEIGHT
AY 082 220	220 g
AY 082 280	280 g
AY 082 340	340 g
AY 082 400	400 g
AY 082 460	460 g

### **AY 083**

### Line throwing weight

Ref. no.: **AY 083** 



350 g AY 083 350 orange

450 g AY 083 450 red

250 g AY 083 250 blue

Dimensions:	127 x 52 mm
Weight:	250 g, 350 g, 450 g
Material:	rubber, stainless steel
Breaking strength:	500kg of holder per rope

REF. NO.:	WEIGHT
AY 083 250	250 g
AY 083 350	350 g
AY 083 450	450 g

Ref. no.: **EL 013** 



Easyline (TM) Edge paint system applicator for painting lines 50-75-100mm wide. Wheeled applicator for loading a paint tank. The Easyline Edge system allows for painting lines, inscriptions and signs professionally, nearby walls, furniture, fences, inside and outside buildings. The system can be used for multiple applications when painting and marking factory floors, warehouses, parking lots, sport grounds, etc. The Easyline Edge system comprises: applicators, paints and template sets.

REF. NO.:

EL 013

Ref. no.: **EL 014** 



Manual paint applicator for Easyline (TM) system. The Easyline (TM) system allows for painting lines, inscriptions and signs professionally, inside and outside buildings. The system can be used for multiple applications when painting and marking factory floors, warehouses, parking lots, sport grounds, etc. The Easyline (TM) system comprises: applicators, paints and template sets.

REF. NO.:

EL 014

EL 020, EL 021 Template set

Ref. no.: **EL 020, EL 021** 

**EL 030** 

Safe Step tape

Ref. no.: **EL 030** 



The set comprises:

- letters A-Z (capital);
- digits 0-9;
- arrows;
- exclamation mark.

REF. NO.:

EL 020 letter height 300mm

EL 021 letter height 150mm

magnets for holding templates

laying-out line 15m + chalk

laying-out line 30m + chalk



Anti-slip coating Safe Step 100 is a durable, exceptionally resistant, permanent solution to problems with slippery surfaces. Anti-slip coating can be applied on most of surfaces (wood, metal, concrete, tiles). Recommended for application, e.g. on factory and warehouse floors, stairs, pavements, platforms. Resistant to chemical substances (acids, bases, detergents).

REF. NO.:

EL 030 25 - tape Safe Step standard 25mm x 18.25m

EL 030 50 - tape Safe Step standard 50mm x 18.25m

EL 030 51 - tape Safe Step fluorescent 50mm x 18.25m

ADDITIONAL ACCESSORIE

Easyline (TM) Edge epoxy spray paint, container 750mL. Epoxy paint leaving permanent lines with sharp edges. The paint does not contain freon and nitrogen. Solvent resistant (after 7 days): resistant to most of common chemicals, e.g. detergents, spirits, oil, petrol.

Approximate spreading rate: single container 750mL for painting a 100m long and 55mm wide line.

REF. NO.:	COLOUR VERSION
EL 100 01	orange -RAL 2009
EL 100 02	yellow -RAL 1023
EL 100 03	red -RAL 3020
EL 100 04	blue -RAL 5017
EL 100 05	green -RAL 6024
EL 100 07	grey -RAL 7045
EL 100 08	white -RAL 9016
EL 100 09	fluorescent paint
EL 100 12	black -RAL 9017

**EL 035** 

Fluorescent paint

**EL 040** 

Ref. no.: EL 040

**Anti-Slip Spray** 

Ref. no.: EL 035



Anti-slip coating Safe Step 100 is a durable, exceptionally resistant, permanent solution to problems with slippery surfaces. Anti-slip coating can be applied on most of surfaces (wood, metal, concrete, tiles). Recommended for application, e.g. on factory and warehouse floors, stairs, pavements, platforms. Resistant to chemical substances (acids, bases, detergents).

SAFE STEP® Anti-Slip Spray

Transparent anti-slip spray - easy application. Recommended for use inside and outside buildings, areas with pedestrian traffic.

Spread rate: 400 mL container for a surface of 1.5-2m2.

REF. NO.:

EL 035 01 - szara 3,78 l

EL 035 02 - żółta 3,78 l

REF. NO.:

EL 040

#### **SN 060**



**SN 120** 



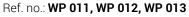


SN 060 / SN 120 are ventilated and lockable tool cabinets adapted to store safety equipment and any accessories useful for working at heights. The SN 060 / SN 120 cabinets can be combined with each other to create convenient modules.

Material:	powder coated steel
Dimensions:	SN 060 - 60 x 70 x 37,5 cm SN 120 -120 x 70 x 37,5 cm
Colour:	gray
REF. NO.:	
SN 060	
SM 120	

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	WP 011	WP 012	WP 013
Power supply:	230-250 V	230-250 V	230-250 V
Frequency:	50-60 Hz	50-60 Hz	50-60 Hz
Motor power:	185 W	245 W	745 W
Airflow capacity:	1300 m3/h	1450 m3/h	3500 m3/h
Sound pressure:	80 dB	74 dB	85 dB
Weight:	8,10 kg	8 kg	14,75 kg
Dimensions (H x L x W):	47 x 38,10 x 31,75 cm	36 x 33 x 30 cm	53,30 x 43,15 x 35,55 cm

# WP 310, WP 330 Duct connector WP 410, WP 430 Duct coupler for blower

Ref. no.: WP 310, WP 330



Ref. no.: WP 410, WP 430

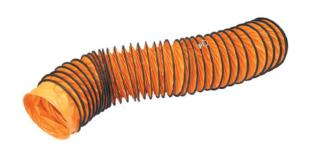


#### **PARAMETERS**

WP 310	diameter 20cm	
WP 330	diameter 29cm	
REF. NO.:		
WP 310 for blower WP-011		
WP 330 for blower WP-013		

REF. NO.:

WP 410 for blower WP-011	
WP 430 for blower WP-013	



#### Ref. no.: **WP 200**



#### **PARAMETERS**

WP 110	diameter 20 cm
WP 130	diameter 29 cm
REF. NO.:	MAX LENGTH
WP 110 04 for blower WP-011	4,0 m
WP 110 07 for blower WP-011	7,0 m
WP 130 04 for blower WP-013	4,0 m
WP 130 07 for blower WP-013	7,0 m

#### **PARAMETERS**

	WP 200 04	WP 200 07
Weight:	5,30 kg	10,30 kg
Dimensions:	36 x 58 x 30 cm	36 x 82 x 30 cm
Duct diameter:	20 cm	25 cm
REF. NO.:	MAX DUCT LENGTH	
WP 200 04	4,0 m	
WP 200 07	7,0 m	

### **WP 212**

#### **Complete ventilation set**

TI 010

Labels on obligation to use full body harness

#### Ref. no.: WP 212



### **PARAMETERS**

	18,30 kg
Dimensions: 36 x 80 x 30 cm	36 x 105 x 30 cm

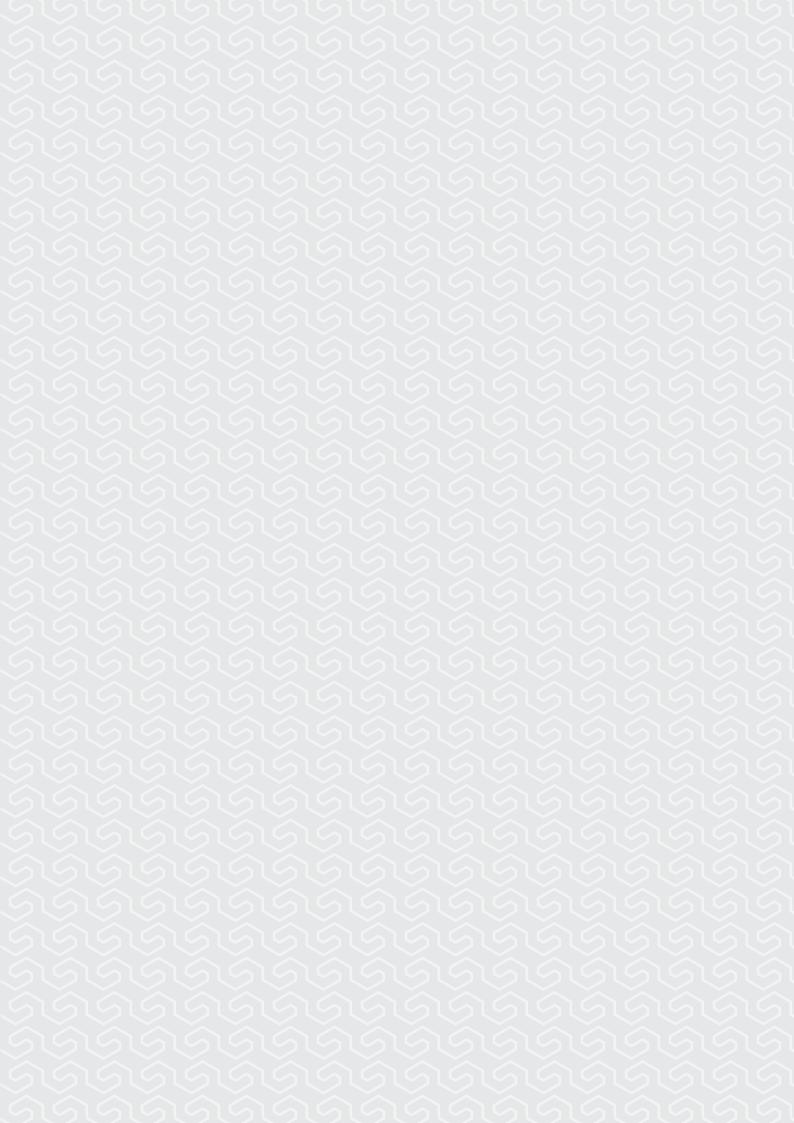
Ref. no.: **TI 010** 



### **NEW**

Information label available in 4 language versions: Polish, English, German and Russian.

Dimensions:	250 x 330 mm
Material:	foamed PVC 3mm
REF. NO.:	DIMENSIONS
TI 010	250 x 330 mm



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