



THE **SAFETY** BOOK



*Delta Plus provides protection at work from head to toe for both women and men*

# FALL PROTECTION

HELP WITH CHOICE

108



## BODY SUPPORT

Fall arrester and suspension harnesses

115

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Fall arrester accessories

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Lanyards

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## FALL ARRESTER SYSTEMS

Kits

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Energy absorbing lanyards

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Retractable fall arresters

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TECHNICAL INFORMATION

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# Fall arrest

HARNESSES						
	PREMIUM	5 ATTACHMENT POINTS	4 ATTACHMENT POINTS	3 ATTACHMENT POINTS	2 ATTACHMENT POINTS	1 ATTACHMENT POINT EN 361 HARNESSES EN 358 RESTRAINT
	PREMIUM					
	EVOLUTION					
	ESSENTIAL					
	ABSORBERS		RETRACTABLES		SLIDINGS	
	 EN 355		 EN 360		 EN 353-1 CABLE EN352-2 CORDE	
	ANCHORAGES		CONFINED		CONNECTORS	
	 EN 795 A=FFIX B=MOBILE		 EN 795 B=MOBILE LIFE LINE SPEEDline CABLEline		 EN 362 LANYARDS  EN 354	

## Positioning

2

ATTACHMENT  
POINTS



**EN 358**  
RESTRAINT

## Rope access work

6

ATTACHMENT  
POINTS



**EN 361**  
HARNESSES  
**EN 567**  
BLOCKERS

5

ATTACHMENT  
POINTS



**EN 358**  
RESTRAINT  
**EN 12841**  
ROPE ACCESS WORK

## Rescue

3

ATTACHMENT  
POINTS



**EN 361**  
HARNESSES



**EN 1498-C**  
RESCUE



**EN 567**  
BLOCKERS



**EN 341-2-A**  
DESCENDERS



**EN 12841-C**  
ROPE ACCESS WORK



**EN 341-1-B**  
DESCENDERS



**EN 341-1-A**  
DESCENDERS



**EN 341-2-A**  
DESCENDERS



**EN 1496-B**  
RESCUE



**EN 358**  
RESTRAINT



**EN 1891**  
ROPES

**EN 12278**  
PULLEYS



**EN 1498-B**  
RESCUE WEBBINGS

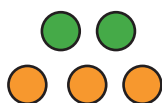
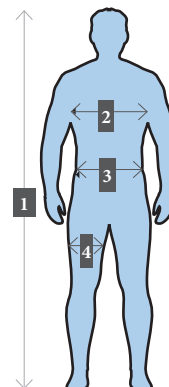


# Fall arrest

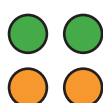
## HARNESSES



REF	SIZES	1	2
GT	S-M-L	<195 cm	<110 cm
XX	XL-XXL	>190 cm	>105 cm
		3	4
GT	S-M-L	<115 cm	<65 cm
XX	XL-XXL	>110 cm	>60 cm



= 5



= 4



= 3



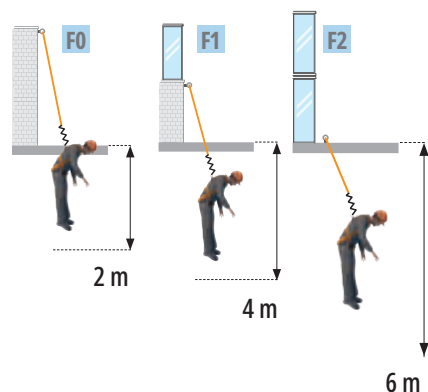
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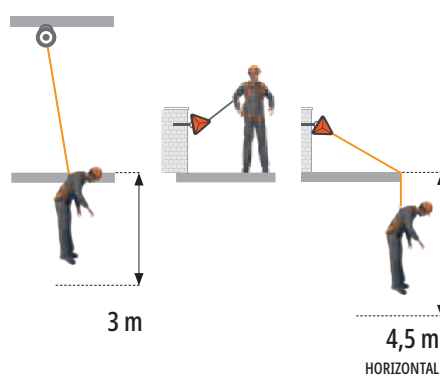
= 1



## ABSORBERS



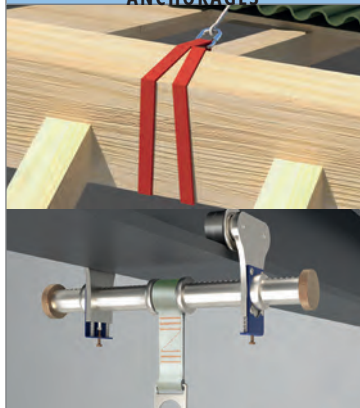
## RETRACTABLES



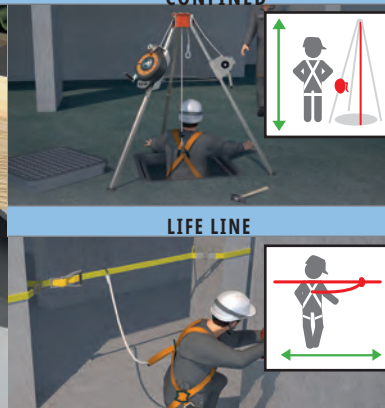
## SLIDINGS



## ANCHORAGES



## CONFINED



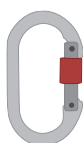
## CONNECTORS



## LIFE LINE



## LANYARDS





## Positioning



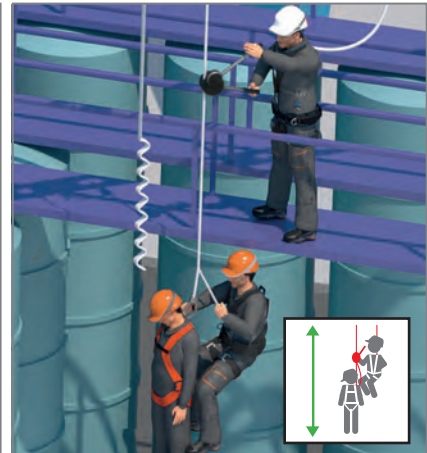
● ● = 2

## Rope access work

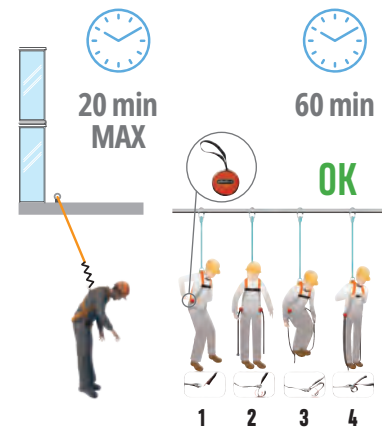
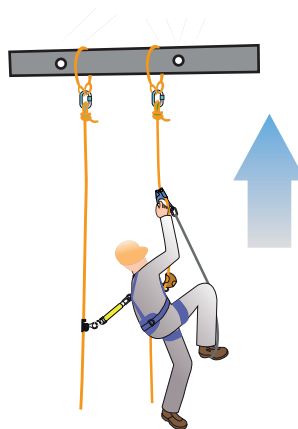


● ● ● ● ● ● = 6 +

## Rescue



● ● ● = 3

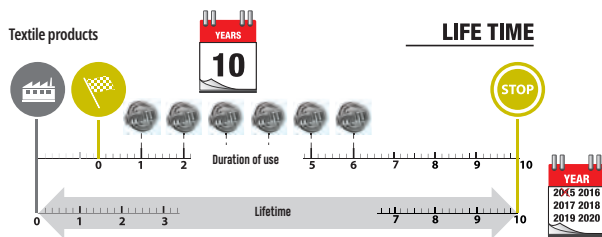
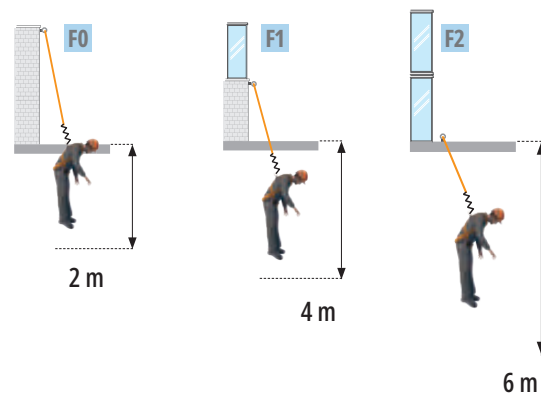




# Why choose your fall arrester?

## 1. In order to stop the fall :

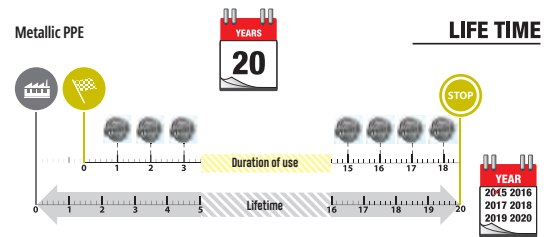
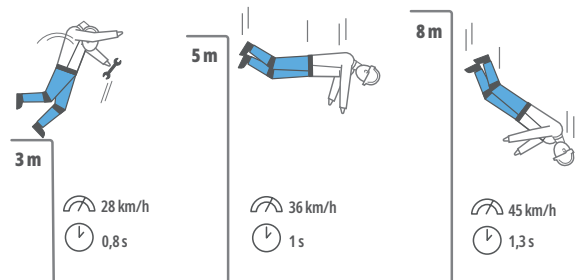
It is necessary to consider the space between the feet of user and the first encountered obstacle (called Vertical Clearance) but also consider where should be anchored my fall arrest system (called Fall Factor).



## 2. Limit the impact to the user

**6kN** : Maximum tolerance threshold for human body

**10kN** : Irreversible lesions, death



### INSTRUCTIONS FOR PERIODIC INSPECTIONS SHALL INCLUDE:

+A recommendation for the frequency of periodic inspections, taking into account factors such as regulation, the type of equipment, frequency of use, and environmental conditions. This recommendation shall include a clause stating that the periodic inspection should be conducted at least once every twelve months;

+A warning to emphasise that periodic inspections should only be carried out by a competent person in strict compliance with the manufacturer periodic inspection procedures



### VISUAL INSPECTION

Harnesses, belts, lanyards, ropes, energy absorbers, self-retractable devices that cannot be dismantled (e.g. AN102), connectors, our kit components (except ELA-RA270), temporary anchors (tripod, LV201 ...)



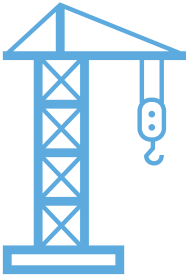














### MECHANICAL INSPECTION

Self-retractable devices that can be dismantled, rescue equipment (e.g. TC013)

FALL ARREST	POSITIONING	FALL ARREST	FALL ARREST
<b>HARNESSES</b>		<b>ABSORBERS</b>	<b>ANCHORAGE</b>
		<b>RETRACTABLES</b>	
		<b>SLIDINGS</b>	<b>CONNECTORS</b>



# Elara kit

	ESSENTIAL	EVOLUTION		PREMIUM
	 L-XXL 190	 L 280	 L 320	 L-XXL 390H
	 L-XXL 160	 L-XXL 140	 L 270	 L-XXL 340H
	 L-XXL 130	 L 150	 L-XXL 170	 L-XXL 350H



# Safe, Easy, Clear Affordable, Innovative

We are proud to present  
our innovative identity card



For all our Fall Arrest Products (except the carabiners). Since mid-2015, in addition to the compulsory printed label, our products have an electronic microchip indicating:

- Product reference
- Serial number
- Manufacturing date

PRODUCT :	ARRESTOR
SERIAL :	0000000000
DATE :	PROD. : 06/2017



NFC  
(Near Field Communication)

Using an Android or Windows mobile phone having technology, any user can scan the tag ((N)) and download our free **"DELTA PLUS ID CARD"** APP from our Website.

## Using app on your smartphone

1



After flashing NFC tag, user can write/read:

- The wearer's product name.
- The commissioning date of the PPE.

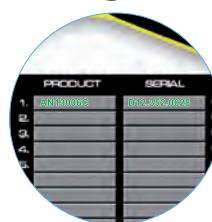
2



The Official Service Center (SAV) will write:

- The date of each annual control.

3



Both user and controller can check anytime:

- The status of product controls.

A PPE DATABASE is included to check anytime all the inventoried products.



### Annual check reminder service

After creating all your products on the APP, you will receive an email 15 days before each compulsory annual control.

- A full access to a more complete PPE DATABASE is available on our website using the same login/password as on ID Card Application.
- ID Card App and Website databases are synchronized for using both tools together. It's up to you to use both or only one of them.

**FALL ARRESTER AND SUSPENSION HARNESSES**

To facilitate the positioning of this harness, our R&D department worked on the architecture and the strap which is woven in our factories. This therefore allows the user to easily and quickly put on the harness.

David Naulin, Fall Protection Product Expert



## Intuitive and quick installation for this harness dedicated to all types of application.

### PUMA HAR25

2 accessory attachment holders incorporated into the belt (1)

► Anchorage carabiners, lanyards and tools

Tested at 150 kg

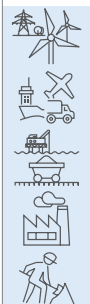
► No problem related to the weight of the tools transported or other

2 park lanyards

► Ergonomic, limits the size of the lanyard when not in use

Belt, backrest and shorts with thermocompressed padding and 3D structure mesh

► Breathability and comfort



1	2	3	4	9	10
6	7	8	9	11	12



PUMA HAR25

Harness for rope access work. 2 fall arrest anchorage points (dorsal-sternal). Positioning belt with thermoformed back and shorts. 2 work positioning or restraint attachment points (lateral). 1 suspension point (ventral). 6 adjustable buckles. 2 park lanyards.

S/M/L  
XL/XXL



EN361  
150kg

EN358  
150kg

EN813  
150kg

2.1 kg

x 5



**HAR14**

1	2	4	5	9	10
6	7	8	9	11	12

**HAR12**

1	2	3	4	9
6	7	8	9	11

**HAR11**

1	2	4	5	9
6	7	8	9	11

**EX120**

10
12



HAR14	2 fall arrester anchorage point harness (back-front). 3 adjustable buckles. 2 adjustable lateral plates. Positioning belt with broad thermoformed back. Sponge lining. 2 anchorage points for work positioning.	S/M/L XL/XXL	CE	EN361 140kg	EN358 140kg	1.1g	x 10
HAR12	2 fall arrester anchorage point harness (back-front). 2 adjustment loops. 2 adjustable lateral plates.			EN361 140kg		730 g	
HAR11	1 fall arrester anchorage point harness (back). 2 adjustable buckles. 2 adjustable lateral plates.					624g	
EX120	Positioning belt with thermoformed back. 2 lateral anchorage points for work positioning. 1 adjustment loop. Sponge back lining.	One size			EN358 140kg	400g	

### EX030200

#### Non-inverting device

- Easy installation of the slider in the right direction
- Opening with one hand**
- Ergonomics and intuitiveness for opening the product
- Fall indicator**
- Easy visual verification



### EX030400

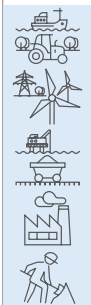


### HA200







### EX118

Recommended accessory for the proper use of this product : 1 connector AM002



### HA204



							
EX030200	Lanyard tensioner equipped with a rope and 1 AM010 carabiner. The positioning device allows adjustment of the 30200 distance between the operator (with work positioning belt) and the structure. Lanyard Braided rope 10.5 mm with manufactured ends. (See AN066 description too)	00.20 → 2m		CE	EN358	998 g	x 5
EX030400		00.20 → 4m				1.2 kg	
EX118200A	Adjustable work positionning lanyard via reducer. Adjustable length. Stranded rope Ø 12 mm. Protective sheath on the splices.	00.20 → 2m				872 g	
		00.20 → 4m					
HA200	Tool holder. Extended length: 1 m. Maximum working load: 4 kg.	One size					60 g
HA204	Retractable tool holder. Extended length: 1.1 m. Maximum working load: 0.5 kg.				0.25 kg		

**ELARA320**

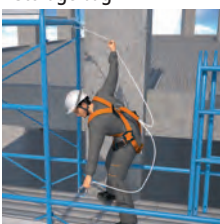
Storage bag



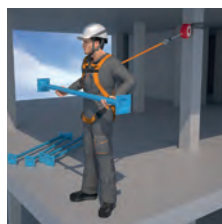
4		
8	11	12

**ELARA280**

Storage bag



1	4	9
8	9	12

**ELARA270**

1	2	5
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ELARA320	POSITIONNING & SCAFFOLDING - ready for use fall arrester kit: 2 fall arrester anchorage point harness (back - front). 3 adjustable buckles. 2 adjustable side plates. Positioning belt (Ref. HAR14). Adjustable work positioning lanyard via reducer. Length of 1.1 to 2 m. Stranded rope Ø 12 mm (Ref. EX021). Fall arrester with energy absorber in double stranded rope (Y) Ø 12mm. Length 2 m. 1 AM002 carabiner and 2 AM022 hooks (Ref. AN211200CDD). 2 carabiner AM002.					EN358		3.5 kg		
ELARA280	SCAFFOLDING - ready for use fall arrester kit: 2 fall arrester anchorage point harness (back - front). 2 adjustment loops. 2 adjustable side plates. (Ref. HAR12). Fall arrester with energy absorber in double stranded rope (Y) Ø 12mm. Length 2 m. 1 AM002 carabiner and 2 AM022 hooks (Ref. AN211200CDD)	S/M/L	CE	EN355	EN361	EN362		2.5 kg	x 5	
ELARA270	VERTICAL 10 M - Ready for use fall arrester kit: 2 fall arrester anchorage point harness (back - front). 2 adjustment loops. 2 adjustable side plates. (Ref. HAR12). Self retractable fall arrester with steel strap. Length 10 m. ABS case. 1 automatic swivel connector and fall indicator AM016 (Ref. AN12010T). Lanyard and anchorage point in tubular strap, length 2 m (Ref. LO030200). 2 connectors AM002.			EN354		EN360	EN795 TYPE B	9.1 kg	x 1	



**ELARA170**

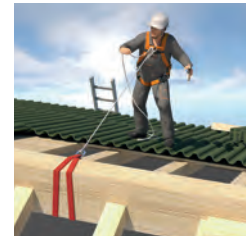
Storage bag



2		
6	7	11

**ELARA150**

Storage bag



2		
6	7	11

**ELARA140**

Storage bag



4		
---	--	--


**ELARA190**

Storage bag



4		
8		11



ELARA170	ROOF - Ready for use fall arrester kit: 2 fall arrester anchorage point harness (back - front). 2 adjustment loops. 2 adjustable side plates. (Ref. HAR12). Sliding non opening fall arrester set with fall indicator on stranded rope anchorage line Ø 12 mm, length 20 m. (Ref. AN063/20). 2 connectors AM002.	S/M/L XL/XXL				3.4 kg
ELARA150	ROOF - Ready for use fall arrester kit: 2 fall arrester anchorage point harness (back - front). 2 adjustment loops. 2 adjustable side plates. (Ref. HAR12). Sliding non opening fall arrester set with fall indicator on stranded rope anchorage line Ø 12 mm, length 10 m (Ref. AN063/10). 2 connectors AM002.	S/M/L		EN353-2		2.4 kg
ELARA140	VERTICAL 2.50 M - Fall arrester kit ready for use: 2 fall arrester anchorage point harness (back - front). 2 adjustment loops. 2 adjustable side plates. (Ref. HAR12). Self retractable fall arrester with 46 mm strap with energy absorber. Protection case. 1 connector AM002 (Ref. AN102). 1 connector AM002.		CE	EN361	EN362	x5
ELARA190	SCAFFOLDING - ready for use fall arrester kit: 2 fall arrester anchorage point harness (back - front). 2 adjustment loops. 2 adjustable side plates. (Ref. HAR12). Fall arrest with energy absorber with lanyard strap, length 2 m, equipped with 1 connector AM002 and 1 AM022 hook (Ref. AN203200CD).	S/M/L XL/XXL		EN360		1.9 kg
				EN355		1.8 kg

*One of our bestsellers, essential for work at height.*

*David Naulin, Fall Protection Product Expert*

# The ready-to-use kit that adapts to all types of work at height.



1- Lateral plates  
Easy and optimal adjustment



2- Storage bag

## ELARA160V2

Storage bag



## ELARA130V2

RESTRAINT KIT

Storage bag



ELARA160V2	CLASSIC - Ready for use fall arrester kit: 1 fall arrester anchorage point harness (back) with energy absorbing lanyard fall arrester integrated, not removable, in polyester webbing, length 2 m. 2 adjustment buckles. 2 adjustment side plates. 1 connector AM002. 1 storage bag.	S/M/L XL/XXL	CE	EN361	EN355	EN362	1 kg	x 5
ELARA130V2	RESTRAINT - Ready for use kit: 1 fall arrester anchorage point harness (back). 2 adjustment buckles. 2 adjustable lateral plates (Ref. HAR11). Lanyard and anchorage point in tubular strap. 2 sewn loops. Width 25 mm. Length 1.50 m (Ref. L0030150). 2 connectors AM002.				EN354	EN362 CLASS B	EN795 TYPE B	1.12 kg



**AN203200ZZ**

1	4
8	11

**AN203100ZZ**

1	4
8	11

**AN203200ZD**

1	4
8	11

**AN213200ZZZ**

1	4	9
8	9	11

**AN213200ZDD**

1	4	9
8	9	11

**AN213100ZDD**

1	4	9
8	9	11



AN203200ZZ	Fall arrester with energy absorber in lanyard webbing. Thimble loops.	2 m	CE	EN355	668 g	x 5
AN203100ZZ		1 m			600 g	
AN203200ZD					1 kg	
AN213200ZZZ	Fall arrester with energy absorber in double lanyard webbing (Y). Thimble loops.	2 m	CE	EN355	1.3 kg	x 5
AN213200ZDD					1.6 kg	
AN213100ZDD		1 m			1.3 kg	

## MAXIBLOC AN100

Lightweight (1)

• Easy to transport and set-up

Fall indicator (2)

• Easy visual verification

Tested at 150 kg

• No problem related to the weight of the tools transported or other



## MINIBLOC AN102



## MEDBLOC AN13006C2

Fall indicator (1)

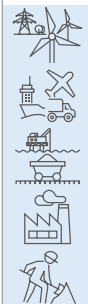
• Easy visual verification

Light and compact: 1.6 kg (2)

• Easy to transport and set-up

Tested at 128 kg

• No problem related to the weight of the tools transported or other



		6 m					2.8 kg	
		10 m					3.75 kg	
		15 m					4.5 kg	
MAXIBLOC AN10010T2	Self retractable fall arrester with Ø 4 mm galvanised steel cable with integrated energy absorber. ABS case. Fall indicator.			x1 AM016			EN360 150 kg	x 1
MINIBLOC AN102	Self retractable fall arrester with 46 mm strap with energy absorber. Protection case. 1 carabiner AM002.	2,50 m		x1 AM002			1.1 kg	
MEDBLOC AN13006C2	Self retractable fall arrester with polyester webbing 25 mm. ABS protection. Swivel with fall indicator. 1 carabiner AM016. Horizontal use tested.	6 m	RfU PPE-R/11.060 128 kg HORIZONTAL CERTIFICATION	x1 AM016			EN360 128 kg	x 5

**L0147150CDD**

Double lanyard in braided rope Ø 10.5 mm. 3 thimble loops ends.

1,50 m

x1  
AM002x2  
AM022

EN354

1.4 kg

x 5

**L0147150**

Double lanyard in braided rope Ø 10.5 mm. 3 thimble loops ends.

1,50 m



EN354

264 g

x 15

**L0047150AD**

Lanyard in braided rope Ø 10.5 mm. 2 thimble loops ends.

1,50 m

x1  
AM010x1  
AM022

EN354

802 g

x 5

**L0047100 - L0047150 - L0045200**

L0047100

Lanyard in braided rope Ø 10.5 mm. 2 thimble loops ends.

1 m



EN354

116 g

L0047150

1,50 m

150 g

x 15

L0045200

2 m

188 g

**L0007150CD**

Lanyard in stranded rope Ø 12 mm. 2 thimble loops.

1,50 m

x1  
AM002x1  
AM022

EN354

850 g

x 5

**L0007100 - L0007150 - L0005200**

L0007100

Lanyard in stranded rope Ø 12 mm. 2 thimble loops.

1 m



EN354

154 g

L0007150

1,50 m

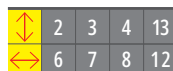
198 g

x 15

L0005200

2 m

260 g

**L0030100 - L0030150 - L0030200**

L0030100

Lanyard and anchorage point in tubular strap. 2 sewn loops. Width 25 mm.

1 m

EN795  
TYPE B

EN354

70 g

L0030150

1,50 m

187 g

x 15

L0030200

2 m

218 g







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