INSPECTION INSTRUCTION

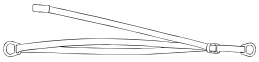
3. SLINGS - TAPE – LANYARDS

applies for: EN 354, EN 565, EN 566, EN 795-B

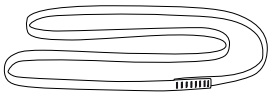
Types of lanyards, slings, tapes

Y Fix:
Rope lanyard with integrated connectors.

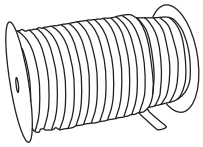
Suspension Trauma Prevention Sling:
Sewn sling made of aramid with a kern-mantel construction.
Stitches protected by shrink tube.
Inspections must be carried out similar to ropes.



Match Sling:
Length-adjustable lanyard with stainless steel anchor eyelet



Sewn sling:
Stitched webbing slings.
Available in lengths of 30 cm to 240 cm and widths from 8 mm to 30 mm
Risk of confusion with lifting tackle.



Tape from the spool:
Tape sold by the meter.

LABELLING

Labelling is available, clearly legible; max. lifespan has not been exceeded.

Labelling ok

Inspection of the labelling includes as follows:
1. Product identification;
2. Date of manufacture

The manufacturer's user manual (UM) for the product includes its service life and usage period which must be checked.

ELEMENT OK

Labelling is not available and/or the max. lifespan been exceeded.

Not available

Not legible

The product may not be returned for use without legible labelling.

WITHDRAW PRODUCT

TAPE

Tapes
e.g.
1.Tubular tape
2. Flat tape

Metal lanyards
e.g.
1. Steel cable (SETP strap)
2. Chain

Ropes
e.g.
1. Y-shaped lanyard
2. Aramid cord sling

See Product instructions 10: Steel wires

See Product instructions 2: Ropes

Visual-/functional inspection

Tape is clean, smooth; connecting elements are undamaged

Tubular tape

Flat tape

Elasticated Webbing

ELEMENT OK

Visual-/functional inspection

The lanyard can be easily repaired by trained personnel.

Slightly furry

Loop pulled

See Repair Instructions for TAPE

DOCUMENT

Visual inspection

-Parts are clearly damaged, incomplete or discoloured.
The product's safety can no longer be guaranteed.

Cuts

Tape worn, furry

Tape edges damaged

Paint/chemicals

Discolouration

Burns

Serious damage

WITHDRAW PRODUCT

FITTINGS/BUCKLES

Not labelled with CE mark and standard


D-RING


SCREW D-RING


CARABINER


MILLER REVOLUTION

Labelled with CE mark and standard


CONECT-O


CARABINER

Inspect as per user manual and inspection instructions

Visual-/functional inspection

Fittings show signs of wear, but have no sharp edges, corrosion and/ or rust. Function not restricted, all joints open easily.

ELEMENT OK

Products with bolts, which may be opened by the user as specified by the manufacturer, must be inspected to ensure they have the correct torque.

Functional inspection

Joints and axles are stiff, but can be cleaned and oiled so that they work more easily.


Hard to use

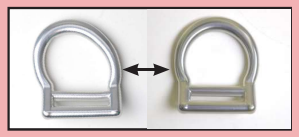
→ See Repair Instructions for FITTINGS

DOCUMENT

Visual inspection

The fitting shows signs of intensive use. It cannot be repaired. Product must be withdrawn.


Corrosion


Deformation


Burrs/sharp edges


Paint

WITHDRAW PRODUCT

Functional inspection

The fitting shows signs of intensive use. It cannot be repaired. Product must be withdrawn.

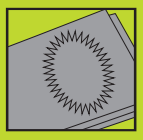

Mechanical funktion limited

WITHDRAW PRODUCT

STITCHING

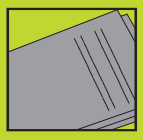
Bar tack

Computer-controlled (zigzag) stitching – the load-bearing connection between textile components. Bar tack stitching generally has a contrasting colour and always has a contrasting surface texture to the background.



Stitching

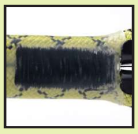
To connect textile elements Stitching is often not a load-bearing connection. However, damaged stitching can still affect the safety of a product.



Visual inspection

The stitching is neat, smooth; there are no loose threads.

Bar tack stitching


Rope termination stitching

ELEMENT OK

YES

· Document inspection

· Approve product for further use

Visual inspection

Threads pulled, thread loops, missing stitches;


Slightly furry


Missing stitching (contact manufacturer)


Individual loop has pulled

→ See Repair Instructions for STITCHING

DOCUMENT

Visual inspection

Stitching is seriously worn or damaged Product must be withdrawn.


Abrasion


Cut

Discolouration


Loose stitching on Y-Fix


Numerous loops pulled


Paint/dirt (cannot be cleaned off with water)

WITHDRAW PRODUCT