

INSTRUCTIONS FOR INSTALLATION

REMOVABLE CONNECTING FERRULE - Ø12 MM (0.47 IN) WIRE ROPE

1. WARNING

The owners, installers and operators should read and keep this manual which includes instructions for the installation, operating, inspection and maintenance of the product and compatible materials and equipment. Only those techniques presented and not crossed out are allowed. Any other installation and/or use is to be excluded. Some examples of misuse are shown. A multitude of other bad applications exist and it is impossible for us to enumerate them all, nor even imagine them. If you have any doubts or problems, please contact Koala Equipment. The installation and operating must conform to the following recommendations and to the relevant standards (EN 15-567, ACCT, PRECA, ASTM).

Activities at height are potentially hazardous and may result in serious injury or death. This risk concerns installers, operating staff and users.

The installation should only be carried out by competent and responsible people. They assume all risks and responsibilities for any damage, injury or death that may arise due to improper installation of the products in any manner whatsoever.

If you are not able to assume this responsibility or to take this risk, do not install this equipment.

Operating should only be carried out by competent and responsible people.

They assume all risks and responsibilities for any damage, injury or death that may occur due to improper use of our products in any manner whatsoever. If you are not able to assume this responsibility or take this risk, do not use this equipment.

It should be noted that no safety system can prevent deliberate misuse. Koala continuous belay system and its components are designed as a protection against falls at height for sports and leisure activities such as high ropes courses, zip lines ...

The use of Koala continuous belay system and its components for any other purpose is prohibited without written consent from Koala Equipment.

Failure by the operator to respect any and all instructions, warnings and cautions in this manual for the correct installation, operating, care and maintenance of Koala continuous belay system and its components may result in serious injury and/or death. PPE user notices must be available for the users.

Symbols used in these instructions

The following safety symbols are used to highlight good practice and potential hazards to the installation and operating of the equipment.

Be sure to read and understand all procedures regarding assembling and installation, the way the product is to be used, inspection and care of the Koala continuous belay system and its components.



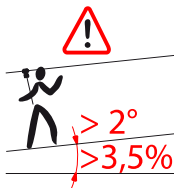
NO!



OK



OK



OK



OK



OK



NO!

PROHIBITED - Indicates a hazardous situation which, if not avoided, may result in serious injury and/or death.

CAUTION - Indicates a potentially hazardous situation that requires a risk analysis to determine one or more precautions to be taken.

GOOD PRACTICE - Indicates proper installation or use of materials/equipment.

RECOMMENDATION - Round symbol, blue background, indicates proper use of materials/equipment

2. FUNCTION OF THE DEVICE

Koala continuous belay system enables users to avoid falls at height.

It is designed for activities/obstacles with no more than a 2° or 3.5% slope. For activities with a greater slope such as net bridges, stairs with handrails....., users' safety must be ensured by the activity itself (net, handrail....) or with a fall arrester. In these cases, the continuous lifeline does not ensure safety but simply allows for continuity of the lifeline.

Some examples of vertical sloping activities where the activity itself protects against a fall.

On vertical activities, ascending or descending, either a Climb-up or a Switch must be installed. The Switch must be associated with a fall arrester or a descender. It is your responsibility to check that these devices are compatible. For pendulum jumps (Tarzan swings) the Switch must be associated with the wire rope/ jump rope.



On zip lines, the slope, the speed and the landing zone must be correctly adapted to ensure user safety. Koala continuous belay system and its components are compatible only with Koala Pouliz trolleys/pulleys.

3.INSTALLING CONNECTING FERRULES AND REMOVABLE FERRULES

Function of the device

The purpose of connecting ferrules is to join 2 lifeline wire ropes, or a lifeline wire rope to a zip line wire rope.

Assembling and installing

The connecting ferrule is designed to be installed with the following wire ropes:

- Galvanized steel wire ropes, 6x7, textile core, Lang Forming,
- Galvanized steel wire ropes, 19x7 metallic core, anti-rotating,
- Swaged galvanized steel wire ropes, 6x26, metallic core.

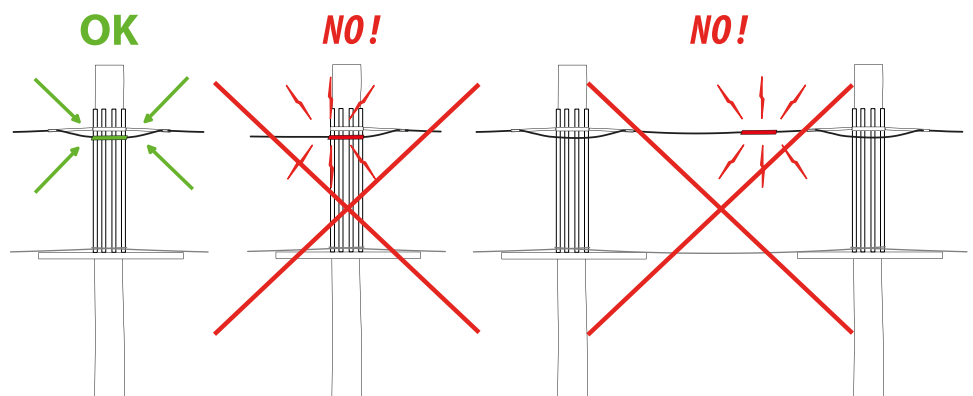
It can be installed with Ø12 mm wire rope or ½" depending on the materials you have chosen.

NO!

Never install material designed for Ø ½" wire rope on Ø12 mm wire rope or vice versa.

Warning: The connections can only be made between 2 arms above a platform where the wire rope is slack (see diagram below).

Do not carry out mid-span.



Instructions

1 Assemble the male and female ferrules then stagger and tighten the 2 pre-glued STHC Ø5mm screws into the male and female ferrules.

2 - Cut the wire rope so as to have straight, clean cut ends.

3 - Insert the first wire rope into the male ferrule and the second wire rope into the female ferrule all the way to the end and swage each ferrule 6 times following the order as indicated below.



Only use those dies recommended by Koala Equipment with a crimping tool exerting a force of at least 120 kN. For optimal swaging and to avoid the wire rope from slipping, we recommend that you change the die after 500 crimps.