



BOLLARD CLAMP OPERATION AND MAINTENANCE MANUAL

SLINGCO PART NO. ZSN11372

⚠ ATTENTION

READ and **UNDERSTAND** all of the instructions and safety information in this manual before operating or servicing this tool.

Failure to read and understand these warnings and safe handling instructions could result in severe personal injury or death.

KEEP THIS MANUAL WITH TOOL.

Thank you for using Slingco® products. This manual must be read and understood prior to operating this product. Special attention should be paid to the section '**Safety Information**'.

This manual should be kept available to all operating and maintenance personnel.

Additional or replacement manuals may be obtained at no charge by contacting your local Slingco office.

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SAFETY INFORMATION

ATTENTION

DO NOT perform any service or maintenance on this tool other than described in this manual.

Read and follow the operator's manual before using this tool.

This manual should be kept available to all operating and maintenance personnel.

WARNING PINCH POINT HAZARD



- Keep hands away from mechanism.
- Serious injury may occur.

WARNING SAFETY GOGGLES REQUIRED



- **DO NOT** operate without eye protection.
- Serious injury may occur.

WARNING GLOVES REQUIRED



- **DO NOT** operate without proper hand protection.

WARNING ELECTRICAL SHOCK HAZARD



- Ensure that proper insulated rubber gloves are worn when handling item or serious injury or death may occur.

WARNING



Risks can develop as a result of improper use and lead to death or severe injuries.

Improper use comprises, among others:

- Exceeding technical values defined for normal mode
- Not closing the safety gate
- Not applying the tensioning system

SAFETY INFORMATION (CONT.)

WORK AREA SAFETY

1. Keep the area around the equipment clean and free of obstruction.
2. Bystanders should stay clear of the work area to ensure safety.

PERSONAL SAFETY

1. Stay alert while using the equipment to prevent serious injury. Do not use under the influence of drugs, alcohol or medications.
2. Do not wear loose hair or clothes that may get caught while the equipment is in operation.
3. Work safely. Ensure firm footing, be properly secured and do not over-extend yourself when operating equipment.

TOOL USE AND CARE

1. **DO NOT** use this tool if there are any abnormalities or damage to any of its components.
2. Inspect the tool before and after every use. Do not use this tool if it is damaged in any way. Ensure that all pins are secure.
3. When having the tool repaired, always use factory Slingco replacement parts.

DESCRIPTION/OPERATION

INTENDED USE

The Bollard Clamp is a device for placing tension on a rope or wire at any position along its length, hence it does not need an end termination.

Usage according to the intended use also comprises:

- Observance of all indications in this operating manual
- Observing the WLL

FEATURES

The Bollard Clamp unit is used to place tension onto a rope or conductor. The Bollard Clamp is manufactured as follows:

- Aluminium tubular structure
- Side flanges to avoid the rope slipping off the sides of the tube
- End point securing feature
- Spring applied securing lever

FUNCTION DESCRIPTION

Bollard Clamp on a rope.



DESCRIPTION/OPERATION (CONT.)

BUILD-UP OF THE BOLLARD CLAMP

The figure opposite shows the main components.



TECHNICAL DATA

Mechanical data	
Barrel diameter	200mm
Weight	3kg
Rope diameter	12-16 mm
Material	Aluminium 6082

Double mounting
158kN



Single mounting
135kN



UTILISATION

The Bollard Clamp has been designed primarily for use on Roblon sheathed aramid type ropes. The rope when wrapped around the circumference of the tube grips and holds the tension in the rope over a far greater length than a conventional clamp, thus giving a smaller possibility in damaging the sheath of the outside of the rope.

USING THE BOLLARD CLAMP

The Bollard Clamp can be secured to any type of winch that can induce tension into the rope. The side plate has a large diameter hole that accepts the pin of a suitable rated shackle that can be secured to the winch system.

DESCRIPTION/OPERATION (CONT.)

INSTALLING THE BOLLARD CLAMP ONTO A ROPE

1. Restrain the Bollard Clamp and wrap the Roblon rope around the circular tube in a clockwise direction starting on the left hand side.
2. Continue wrapping the rope around the bollard ensuring the rope does NOT wrap over the top of itself. The clamp has been designed to accept four complete revolutions of the 14 mm diameter Roblon rope.
3. Pass the tail of the Roblon rope over the top of the small bollard, then under the next. Prise back the spring loaded lever and hook the Roblon rope between the spring lever and the final small bollard.
4. Secure an appropriately rated shackle into the hole in the side plate and apply tension.



DESCRIPTION/OPERATION (CONT.)

REMOVING THE BOLLARD CLAMP FROM A ROPE

The removal is a reverse process of 4 to 1 on the previous page.

MAINTENANCE

The Bollard Clamp is designed to be low maintenance however some parts will need checking and periodic replacement. The following should be a minimum maintenance schedule:

Daily:

- Check spring action in the securing lever
- Check load point for wear or damage

SPARE AND WEAR PARTS

Spare parts are available from your local Slingco office or authorised distributor.



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