

Ritz

FALL PROTECTION

USER INSTRUCTION MANUAL



TOOL TETHER SYSTEMS

THIS INSTRUCTION MANUAL
APPLIES TO THE FOLLOWING MODELS:
RTZTOOLLAN1, RTZTOOLLAN2,
RTZTOOLLAN3

Please read and understand the manufacturer's instructions for each component or part of the complete system. Manufacturer's instructions must be followed for proper use, care, and maintenance of this product. These instructions must be retained and be kept available for the worker's reference at all times. Alterations or misuse of this product, or failure to follow instructions, may result in serious injury or death.

Note: The user is advised to keep this user instructions document for the life of the product.

Manufacturer : Ritz Fall Protection
1-800-451-3077 and RitzSafety.com

1. INTRODUCTION:

This manual must be read and understood in its entirety and used as part of fall protection training program as required by OSHA or any state regularity agency. The user must fully understand the proper equipment use and limitations.

As per directive 2001/45/CE §4.4.d- "the tools and other accessories to be used by a worker at a height must be secured to the worker's harness or seat or by some other appropriate means."

Accordingly, the Ritz Fall Protection Tools Lanyard range has been developed to hold any type of tool that may accidentally fall and cause damage to property, or serious injuries or even fatalities, to workers.

In fact, objects dropped by workers are the second largest cause of worker deaths in the workplace.

Very often, the consequences of a falling object are underestimated:

Dropping a work tool also means the risk of destroying the tool, and the possible damage to property can also have serious consequences in terms of costs, as well as the lost time required by the worker to leave their work station to recover the tool.

When dropping tool cannot be prevented (using nets, confinement areas, etc.), then our Tool Lanyards system range should be used.

WARNING!

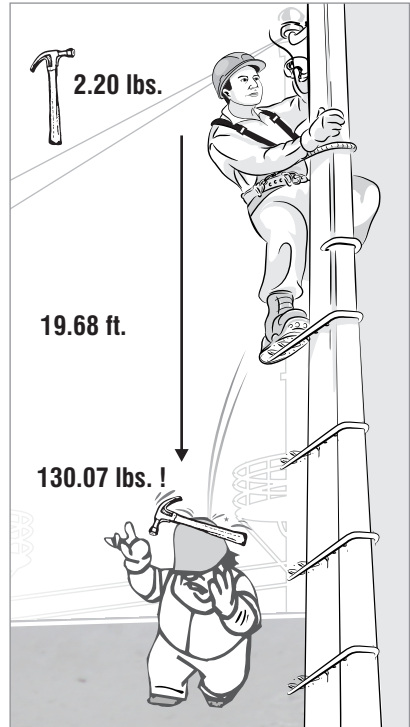
The use of these tool-holding lanyards (that are not PPE) does not exempt you from the obligation of wearing PPE, in particular safety helmet.

2. THE FUNDAMENTAL STEPS:

- Choosing the attachment point on the tool
- Choosing the lanyard connection
- Choosing the anchor point

a) Choosing the attachment point on the tool:

- This may be a hole on the handle or the body of the tool,
Or, the body of the tool may serve as an attachment point.
- If the above options are not available, the attachment point may be created on the tool directly :





➤ **Instructions For Creating An Attachment Point On The Tool Using Attachment Webbing Tool D-ring TL 07 With Self-merging Rubber Tape:**

Position D-Ring TL 07:

- a. When installing the 'D' ring, make sure of its placement, so it can pivot freely.

- b. Fix the attachment D-ring to the tool using self merging rubber tape:

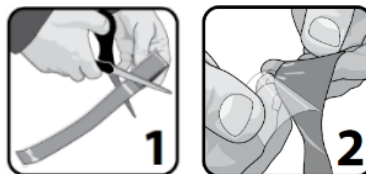
- (i) Clean the surface to be used, cut a piece of the tape to the desired length (generally 11.81 to 19.68 inch). The length should be adjusted based on the size of the tool/handle. Do not install on a conical tool. Fig.01



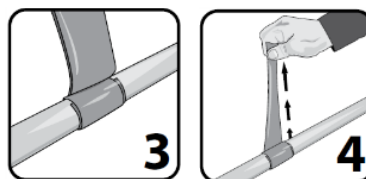
Watch Out for the Direction!

- (ii) Remove and discard the clear plastic protective film. Both sides of the tape "work". Fig.02

- (iii) Make the 1st winding around the handle, holding the tape in position and rolling it around the desired part (handle + attachment 'D' ring), until the tape is doubled over itself. This initial winding, tape on tape, will help to secure the future layers. Fig.03



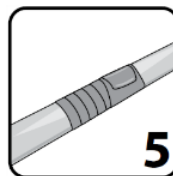
- (iv) Make sure to maintain constant tension as you are handling it, and that each new layer of tape partially covers the bare part and partially the tape itself. This overlapping will help the tape to self-merge. The stretch should be 40%/50% of the remaining length of the tape; this stretching ensures the application will hold. Fig.04



- (v) The tape must be wound at minimum over the entire length of the attachment 'D' ring in one direction and covered a second time over itself, in the other direction. The last layer of tape must be wound completely over the previous layer without overlapping. Maximum tension is not necessary on the last layer. Fig.05

- The tape layers will start to self-merge immediately, with permanent adhesion within 24 hours. Repositioning is not recommended. Even though the silicone tape may be used under wet or oily conditions, an application on a clean, dry surface is recommended. The tape is not reusable, but additional tape layers can be added at any point in time.

- After application and curing time, always check the strength of the application by testing it with a 4.40 lbs. load. Perform this test before every use.

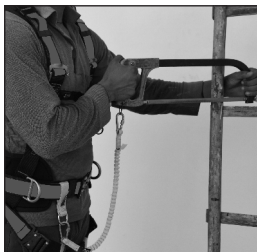


Usage Compatibility:

Always use with the attachment D-ring applied, a stretch lanyard for connecting tool, which can absorb the energy when the tool falls

E.g.: RTZTOOLLAN1, RTZTOOLLAN2, RTZTOOLLAN3.

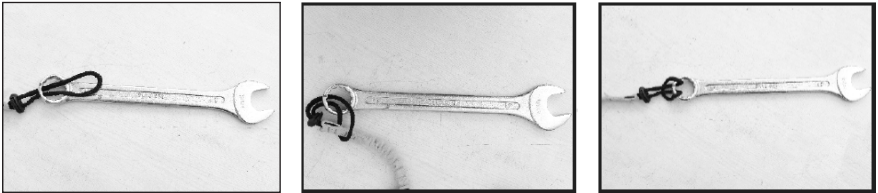
Note: Maximum tool load for this type of attachment (TL 07 + Self Merging Rubber Tape) : 4.40 lbs.



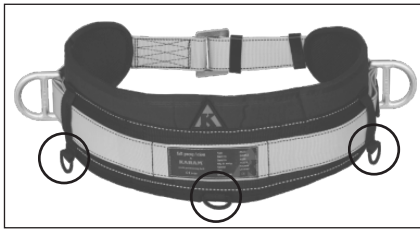
b) Select the connection (tool lanyard):

The lanyard connection must be selected based on the weight of the tool, the attachment on the tool, (See Fig.1), and based on the length necessary for use.

Using Lanyards RTZTOOLLAN1, RTZTOOLLAN2, RTZTOOLLAN3

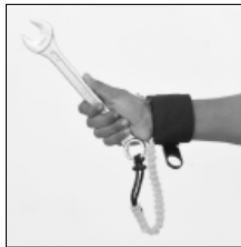


Note: Always properly tie the knot made using the stopper on the cord.



c) Choosing the Anchor Point:

- This may be a tool attachment ring on the user's belt, harness, etc.



- It may be a removable 'D' ring that can be installed on a harness, belt, etc.
- Once the anchor point and the lanyard are selected, the connections can be made using aluminium connector, DSA00153-8.
- Item TL 06 is installed on the user's wrist, so the wrist serves as the anchor point!
- Always make sure the hook-and-loop closures fasten properly, because they make sure the bracelet stays closed and holds if the tool is dropped.
- Stretch lanyard TL 04 can also be attached directly to an anchor structure.
- Always make sure the karabiners are closed and locked (screwed in).

3. MAXIMUM ALLOWABLE LOADS :

After use, clean your Tool Lanyards accessories and keep them away from light, any source of heat, moisture, solvents, and any sharp edges that might affect their performance.

4. INSPECTION:

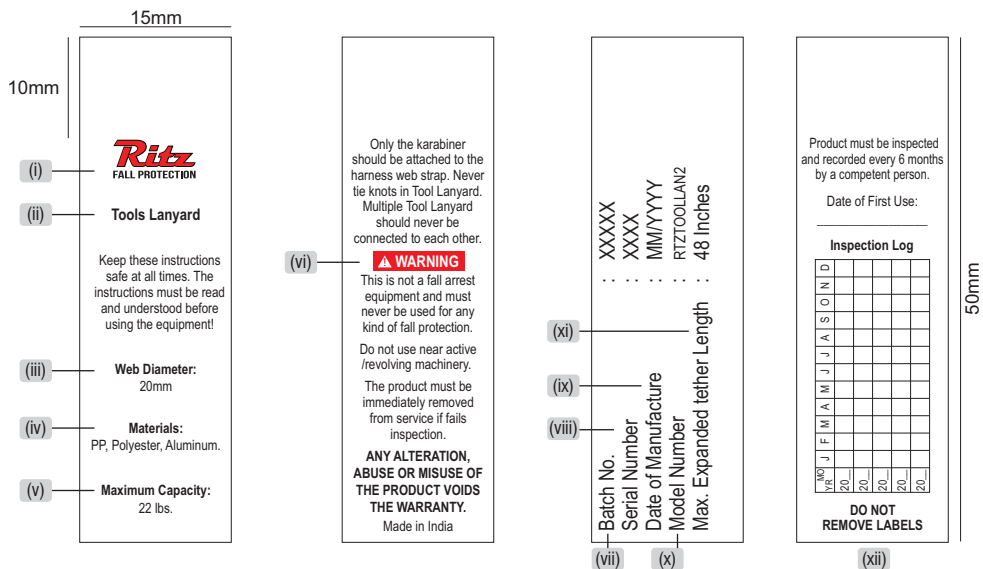
- **A visual inspection is essential before any use of the Tool Lanyards accessories.**
- Before each use of your Tool Lanyards accessories, make sure they show no signs of cuts, wear, discolouration, deformation, corrosion, etc. When in doubt, they should be replaced.
- Do not use Tool Lanyards accessories beyond their weight limit.
- Always check the connection to the tool before each use.
- Tool Lanyards that have been used to arrest a falling tool should be taken out of service.

Reference	Max. Allowable Load
RTZTOOLLAN1	22 lbs
RTZTOOLLAN2	22 lbs
RTZTOOLLAN3	22 lbs

WARNING! Whatever combination you use, make sure that it does not interfere with the safe use of your tool.

5. MARKING ON PRODUCT: The Tool Lanyards are marked with:

- (i) Trademark of the manufacturer
- (ii) Product name
- (iii) Web diameter
- (iv) Material
- (v) Max. Capacity
- (vi) Warning Label
- (vii) Batch/Lot No.
- (viii) Serial No. of the Harness
- (ix) Date of Manufacture
- (x) Model Number
- (xi) Max. Expanded tether length
- (xii) Inspection Log label



6. HOW TO DISPOSE A TOOL LANYARD:

When the tool lanyard becomes unfit or in case of any wear and tear, dispose it immediately.

Follow the steps for disposal:

- Make the three plastic crates namely- Textile, Metal & Plastic for placing the respective components of the tool lanyard.
- Spread the tool lanyard on a table/ flat surface.
- Inspect the wear & tear present on the tool lanyard.
- If any wear and tear is observed, dispose the lanyard using a sharp scissors; first cut the Textile and dismantle the tool lanyard.
- Put the Textile, Plastic & Metal components in their respective plastic crates.

WARRANTY: All Ritz Fall Protection products bear 1-year warranty against manufacturing defects, applicable on Unused Ritz Fall Protection products, from the date of purchase. However, Ritz Fall Protection shall not be liable for any accident or damage while the product is in use.

LIFESPAN: The estimated product lifespan of this product is 10 years from the date of manufacturing. The following factors can reduce the lifespan of the product : intense use, contact with chemical substances, specially aggressive environment, extreme temperature exposure, UV exposure, abrasion, cuts, violent impacts, bad use or maintenance.

DISCLAIMER: This information on the product is based upon technical data that Ritz Fall Protection obtained under laboratory conditions and believes to be reliable. Ritz Fall Protection does not guarantee results and takes no liability or obligation in connection with this information. As conditions of end use are beyond our control it is the user's responsibility to determine the hazard levels and the use of proper personal protective equipment. Persons having technical expertise should undertake evaluation under their own specific end-use conditions, at their own discretion and risk. Please ensure that this information is only to check that the product selected is suitable for the intended use. Any product that is damaged, torn, worn or punctured should be immediately discontinued from usage .

EQUIPMENT RECORD				
Product				
Model & type/Identification		Trade Name		Identification number
Manufacturer		Address		Tel, email into use
Year of manufacture		Purchase Date		Date first put into use
Other relevant information (eg. document number)				
PERIODIC EXAMINATION AND REPAIR HISTORY				
Date	Reason for entry (periodic examination or repair)	Defects noted, repairs carried out and other relevant information	Name and signature of competent person	Periodic examination next due date

