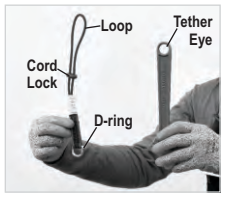
STEPS TO USE WEBBING TOOL CONNECTOR



The elastic tool attachment has a loop at one end and a D-ring at the other end.

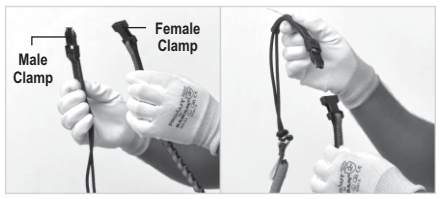
It is best suited for light weight tools having a tether eye for attachment. e.g. spanner

First pass the loop through the hole of the tool and then pass D-ring end through the tool attachment loop forming a knot on the tether eye.

Tightly lock the knot with cord lock and the elastic tool attachment is ready to use.

STEPS TO USE RETRO ELASTIC TOOL ATTACHMENT
to be used with Tool Lanyard

For making a secure connection, connect the female clamp to the D-ring of your harness and connect the tool to the male clamp.



Combine both male and female SR clamps to join as one. This combination of the male and female clamps forms a locking mechanism that is strong enough to hold your tool while working at height.

Join the male and female SR clamps to make it one and the retro elastic tool attachment is ready for use.

STEPS TO USE WEBBING TOOL CONNECTOR

Identify the tool over which attachment point is to be made (e.g. pliers).

Place the webbing tool connector on the tool in such a manner that the D-ring is free for tool attachment.

Tightly wrap the tool tape around it.

The webbing tool connector is ready for use.

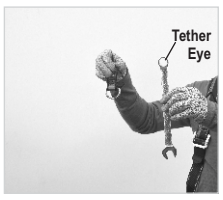
STEPS TO USE WIRE TOOL ATTACHMENT

This wire tool connector can be attached to lightweight tools (e.g. screwdriver).

Place the tool connector on the handle of the tool in such a manner that the loop is free for tool attachment. Now tightly grip it with tool tape.

The wire tool connector is ready for use.

STEPS TO USE WEBBING TOOL CONNECTOR (DL1006611)



This tool attachment can be attached to lightweight tools that are provided with a tether eye (e.g. spanner).

Now first pass the loop through the hole of the tool and then pass the D-ring end through the tool attachment loop forming a knot on the tool hole.

The tool attachment is ready for use.

DOs AND DON'Ts

- ✓ The user must weigh the tool or tools to be tethered to ensure they do not exceed the maximum safe working capacity of the tool lanyard or any part of your tethering system. User should also refer to the label or user manual for information on maximum capacity information.
- ✓ Always inspect tool lanyards and all parts of your tethering system prior to, and after each use (refer to inspection steps).
- ✓ Use extra precaution around moving machinery or parts, electrical hazards, chemical hazards or other apparent hazards.
- ✓ Always wear appropriate personal protective equipment when installing or using tethering systems.
- ✓ Always ensure the carabiners are closed and locked properly.
- ✓ Always ensure the hook & loop closures fasten properly.
- × Tool and lanyards are for tool use only. They are not for human support, nor are they intended to be part of a human fall protection system.
- × For tools weighing more than 5 lbs. (2.26kg), do not tether such tools to the human body unless specifically authorized per the product instructions.
- × Do not wrap lanyards around sharp or rough edges.
- × Never modify or alter tool lanyards.
- × Never modify a tool or primary anchoring location.
- × Never tie knots in a tool lanyard.
- × Never wrap the lanyard back onto itself, unless specifically instructed.
- × Never connect multiple lanyards together.
- × Do not use this product if it interferes with the tool's safe working condition, or the anchoring location—including personal fall protection.
- × Lanyards must not be used as hoisting taglines or used to statically suspend tools and equipment.
- × Never cinch the cord or carabiner around the wrist.
- × If you are not able to find a suitable connection point on the tool, do not connect the Tether. Ask your supervisor for help.

INSPECTION:

- **A visual inspection is essential before using any KStrong equipment.**
- **Before each use**, make sure you find no signs of cuts, wear, discoloration, deformation, corrosion, etc. When in doubt, the equipment should be replaced.
- Do not use this equipment beyond its 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.

MAINTENANCE AND CLEANING

- Proper care is important for maintaining the safety and longevity of the tool lanyards. Before and after each use, remove all dirt, corrosives, and other contaminants from the KStrong Tool Lanyards.
- Do not wrap lanyards around sharp or rough edges. Lanyards should not be used with blades, knives, etc.
- If the KStrong Tool Lanyards cannot be cleaned with plain water, use mild soap and water, then rinse and wipe dry, or allow to dry in an environment absent of excessive heat and light.

STORAGE AND TRANSPORTATION

- When not in use, store equipment where it will not be affected by heat, light, excessive moisture, chemicals, or other corrosive elements.
- The product should be kept and transported in its original packaging or in airtight packaging.

DISPOSAL

Steps to dispose tool lanyards when deemed unfit for use:

- Spread the tool lanyard on a table / flat surface.
- Inspect the wear and 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.

NOTE

Do not attempt to disassemble the unit or make repairs to the equipment. Send the equipment back to the manufacturer, or persons or entities authorized in writing by the manufacturer to make repairs to the equipment.

⚠WARNING

After every use or if the tool lanyard has arrested a tool fall, the tool lanyard should be checked by a competent person. If deemed not fit for use, it should be immediately removed from use.

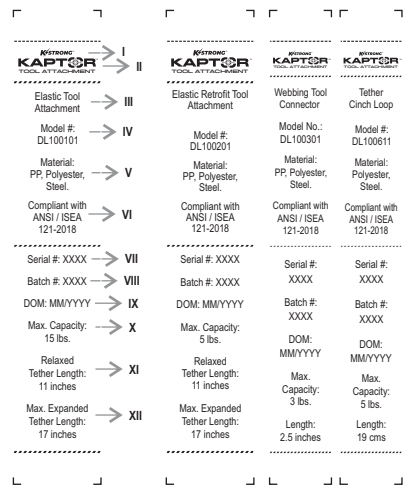
LIFESPAN: The estimated product Lifespan is depends if the product passes the preuse inspection and periodic inspection by competent person. The following factors can reduce the Lifespan of the product: intense use, contact with chemical substances, especially aggressive environments, extreme temperature exposure, UV exposure, abrasions, cuts, violent impacts, bad use or maintenance.

DISCLAIMER: Prior to use the end user must read and understand the manufacturer's instructions supplied with this product at the time of shipment and seek training from their employer's trained personnel on the proper usage of the product. Manufacturer is not liable or responsible for any loss, damage or injury caused or incurred by any person on grounds of improper usage or installation of this product.

PRODUCT LABELS-

Product label has the following information:

- **I-** Manufacturer's logo
- **II-** Product Category
- **III-** Product Name
- **IV-** Model Number
- **V-** Material of construction
- **VI-** Relevant Standards
- **VII-** Serial Number
- **VIII-** Batch Number
- **IX-** Date of Manufacture
- **X-** Load Capacity of Lanyard
- **XI -** Relaxed Tether Length
- **XII -** Max. Expanded Tether Length



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

EQUIPMENT RECORD				
Product				
Model & type/Identification		Trade Name		Identification number
Manufacturer		Address		Tel, fax, email into use
Year of manufacture		Purchase Date		Date first put into use
Other relevant information (e.g. 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

UKS/DL100101/06012019-V2

KAPTOR™

TOOL ATTACHMENTS

DROP PREVENTION RANGE

THESE INSTRUCTIONS APPLY TO THE FOLLOWING MODELS:

DL100101, DL100151, DL100201, DL100301, DL100302, DL100303, DL100304, DL100305, DL100351, DL100352, DL100353, DL100354, DL100355, DT700101, DL100611, DL100801, DL100802 AND DL100401

KSTRONG®

KAPTOR™

DROP PREVENTION RANGE

ANCHOR ATTACHMENTS | TOOL ATTACHMENTS | TOOL TETHERS

APPLICATIONS:

TELECOMMUNICATIONS, MUNICIPALITIES, CONSTRUCTION, UTILITIES, ARBORISTS, OIL & GAS, PUBLIC SAFETY, SURVEY CREWS, RAILWAYS.

Barcode

THIS IS NOT A FALL ARREST EQUIPMENT.

KStrong LLC
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Radnor, Pennsylvania 19087, United States
Phone/Fax: 1-833-KSTRONG
KStrong.com

USA | BRAZIL | ASIA

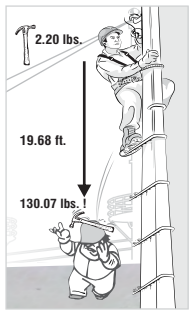
KSTRONG®

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.

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.
- The Kaptor™ range of tool lanyards are the perfect solution for drop prevention of tools while working at height.



Note: A 2.2 lbs. Hammer hurts like it is 130 lbs. After falling from 19.68 ft. Refer to the illustration above.

Tool lanyards MUST NEVER be used for Fall Protection of any kind.
Extreme caution must always be taken when operating or working near active machinery.

This manual is as per ANSI/ISEA 121-2018 and must be read and understood in its entirety and used as part of a fall protection training program as required by OSHA or any state regulatory agency. The user must fully understand the proper equipment use and limitations.

Accordingly, the KStrong Kaptor™ 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.

WARNINGS

- Tool lanyards or similar products are never to be used as PPE.
- Never use any tool lanyards or its sub component beyond its capacity.
- Never modify or alter the product.
- Never tie a knot in the tool lanyards (including its sub systems)
- Be extra careful while using it around the moving machinery.
- There should always be an appropriate distance in order to avoid a dropped tool hitting other objects during its arrest.
- Always select the tools according to the capacity shown in in the technical specification table.
- **The use of these tool-holding lanyards (that are not PPE) does not exempt you from the obligation of wearing PPE, especially a safety helmet.**

TOOL ATTACHMENT

Some tools do not come with a hole on their handle to which a Tool Lanyard can be attached/connected. To facilitate connections on such tools, KStrong provides various tool attachments that are an ideal solution to act as a secure connection point for a tool lanyard. These connections are not an integral part of the tool.

BEST SUITED FOR PEOPLE WORKING IN:

Confined spaces and people working with tools on platforms and scaffoldings.

TECHNICAL SPECIFICATIONS

Category	Product Name	Product Code	Rating	Length	Material
Tool Attachment	Elastic Tool Attachment	DL100101	15 lbs	17" expanded, 11" relaxed	Polyester, Steel
Tool Attachment	Elastic Tool Attachment	DL100151	15 lbs	17" expanded, 11" relaxed	Polyester, Steel
Tool Attachment	Retrofit Elastic Tool Attachment	DL100201	5 lbs	17" expanded, 11" relaxed	Polyester, Steel
Tool Attachment	Webbing Tool Connector	DL100301	3 lbs	2.5"	Polyester, Steel
Tool Attachment	Webbing Tool Connector	DL100302	3 lbs	4.5"	Polyester, Steel
Tool Attachment	Webbing Tool Connector	DL100303	3 lbs	5.5"	Polyester, Steel
Tool Attachment	Webbing Tool Connector	DL100304	3 lbs	6.5"	Polyester, Steel
Tool Attachment	Webbing Tool Connector	DL100305	3 lbs	8.5"	Polyester, Steel
Tool Attachment	Webbing Tool Swivel Connector	DL100351	3 lbs	2.5"	Polyester, Steel
Tool Attachment	Webbing Tool Swivel Connector	DL100352	3 lbs	4.5"	Polyester, Steel
Tool Attachment	Webbing Tool Swivel Connector	DL100353	3 lbs	5.5"	Polyester, Steel
Tool Attachment	Webbing Tool Swivel Connector	DL100354	3 lbs	6.5"	Polyester, Steel
Tool Attachment	Webbing Tool Swivel Connector	DL100355	3 lbs	8.5"	Polyester, Steel
Tool Attachment	Tool Tape	DT700101	N.A.	12'	Sillicone
Tool Attachment	Tether Cinch Loop	DL100611	5 lbs	7.5"	Polyester, Steel
Tool Attachment	Crimped Wire Tool Attachment	DL100801	2 lbs	6"	PU, Steel
Tool Attachment	Screw Wire Tool Attachment	DL100802	3 lbs	6"	PU, Steel
Tool Attachment With Tool Tether	Elastic Tool Tether	DL100401	5 lbs	67" expanded, 42" relaxed	Polypropelene

KSTRONG®

Instructions for creating an attachment point on the tool using tools attachments with self-merging rubber tape:

Position D-ring/connection point of tool attachment:

- When installing the D-ring make sure of its placement so it can pivot freely.
- Fix the attachment D-ring to the tool using self-merging rubber tape:

(i) Clean the surface to be used and cut a piece of the tape to the desired length (i.e from one point to another it should have at least 10 loops for proper grip). The length should be adjusted based on the size of the tool/handle. Do not install on a conical tool.

Watch Out for the Direction!

(ii) 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.

DT700101

(iii) 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 to 50% of the remaining length of the tape; this stretching ensures the application will hold.

(iv) 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.

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 3 lbs. load. Perform this test before every use.

USAGE COMPATIBILITY:

Always use with the attachment D-ring applied and a stretch lanyard for connecting the tool which can absorb the energy if the tool falls (e.g. DL100011, DL100012 i.e. all Tool Tethers).

Note: Maximum tool load for this type of attachment (Tool Attachment + Self-Merging Rubber Tape): 3 lbs.

KNOW YOUR TOOL ATTACHMENTS

SPECIFICATION OF THE TAPE: Grey in color; roll is 1 in. wide by 12 ft. long.

This unique and versatile tape is used in conjunction with tools and provides a fully load rated anchor point in a very short time!

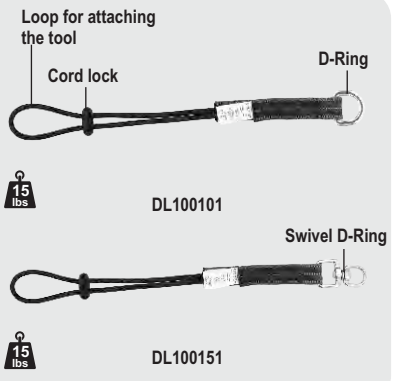
- This tape is Self-Processing and doesn't rely on chemical adhesives.
- It is water, oil and heat resistant
- It provides long lasting adhesion.
- No heat or additional process required.

TOOL TAPE

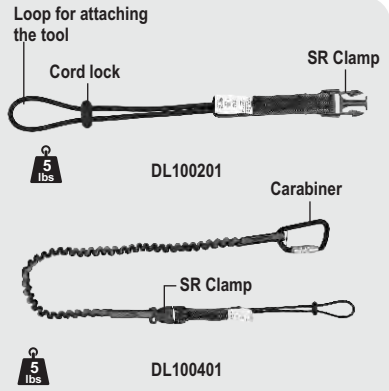
DT700101

KSTRONG®

ELASTIC TOOL ATTACHMENT

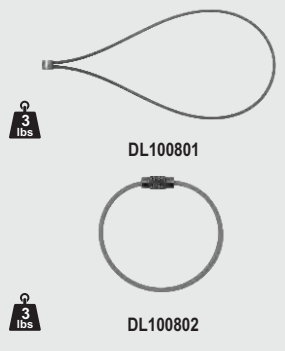


RETRO ELASTIC TOOL ATTACHMENT



WEBBING TOOL CONNECTOR

WIRE TOOL ATTACHMENT



PLEASE TURN OVER