

Tool Tethers

Warning

The misuse of this equipment could lead to injury or death. This equipment should only be used in accordance with this instruction. This equipment is designed only for retention of tools and equipment.

This equipment is not to be used for human suspension or to arrest the fall of a person.

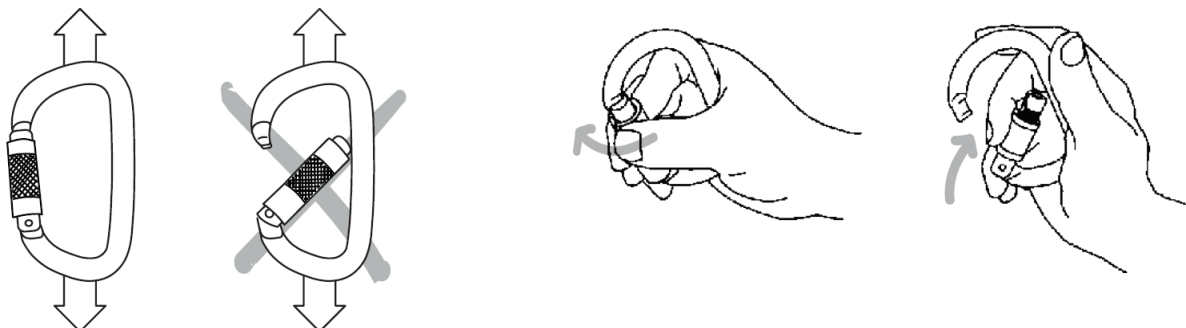
Carrying equipment and tools at height increases the loads that both personal fall protection equipment and access systems such as ladders and platforms are subject. Ensure that the combined body mass of the user, their clothing, equipment and tools does not exceed that rated capacity of their fall protection equipment or access system.

Limitations of use

- The rated capacity of the tool retention system must not be exceeded.
- Tool tethers should only be anchored to a suitable point of a safety harness, belt or structure that features a capacity of at least 5 times the rated capacity of the tool tether.
- Attachment of the tether to any tools or equipment must only be made to a secure point. The attachment point should be able to withstand a force at least 5 times the mass of the tool / equipment.
- Attachment of tethers to power tools should avoid locations that feature switches and triggers.
- When in use tool tethers should be managed to avoid entanglement or contact with rotating and cutting parts of any tool.

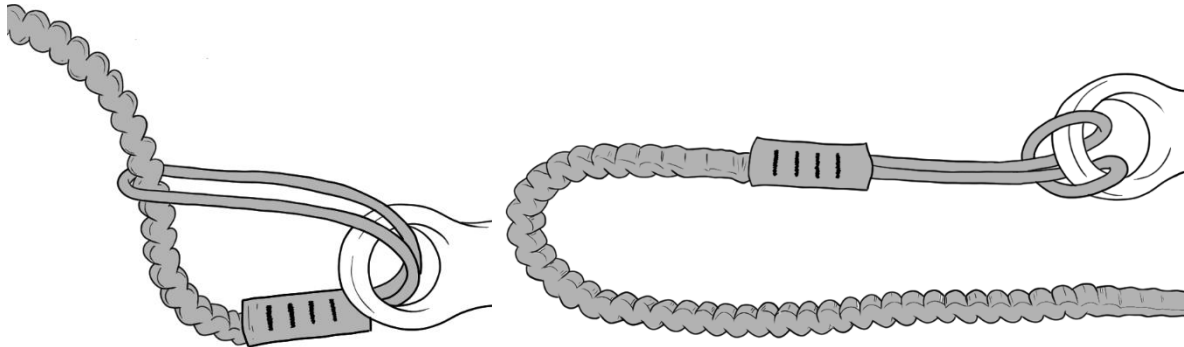
Use of tool tether karabiner connectors

The connector is opened by rotating the sleeve and retracting the gate. It will automatically close and lock when released but should be physically checked by the user. Karabiner connectors can be used for direct attachment to a suitable point on a tool, harness, belt or structure.



Use of tool tethers with choking loops

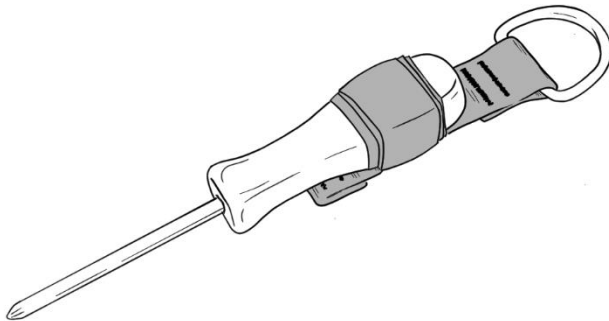
The tether is attached to the tool by pushing the loop through a suitable attachment point and then placing the karabiner connector through the loop choking the tether around the tool attachment. Tape can be used to prevent the choking loop migrating if necessary.



Securing Tool Catch rings.

Tool catch rings provide a means of attachment to light tools that don't feature a suitable attachment point. Tool weight should not exceed 1kg (2.2lbs). The Tool Catch is secured to the tool with Self-Amalgamating Tape.

- Prior to fitting the Tool Catch the tool should be cleaned of dirt, grease and contaminants.
- Apply a section of the tape around the area of the tool where the Tool Catch will be placed.
- Place the Tool catch over the taped area and continue to wrap the tap around the tool and the webbing of the Tool catch completing 10 wraps.
- Test the attachment is secure.



Max tool size

EAN bar Code	PIM number	Description	Maximum Capacity	
			KG	LBS
5056390700032	2010172	Heavy Duty Bungee Tool Tether	18	39.7
5056390700049	2010194	Bungee Tool Tether	7	15
5056390700056	2010195	Light Bungee Tool Tether	2.5	5.5
5056390700094	2010205	Coil Tether	2.3	5

Inspection

Prior to each use the condition of this equipment should be checked for defects and damage:

- Check all metallic components for deformation cracks and corrosion.
- Function check the connectors ensuring the locking mechanism works correctly.
- Check the length of the lanyard and securing loop to ensuring it's free from damage such as cuts, abrasions and degradation from exposure to aggressive chemicals, extreme temperatures and or exposure to UV light.
- Check the condition of any securing tape use for attachment of tool catch links. Check for tearing, deterioration and that it remains secure.

In addition to checking the condition of the tool tether components, the condition of the both the tool and the anchoring point for the tool tether should be checked. They should be secure and free from loose parts that could detach.

It is recommended that in addition to pre – use checks, Tool retention systems are examined by a competent person and records of that examination are maintained at least once every 12 months or more frequently if used in arduous conditions.

Clearance below the user.

Additional to any measures that are put in place to prevent tools and equipment being dropped, a suitable exclusion zone should be established below the work location.

Consideration should also be given to workers, fragile materials or infrastructure within your proximity as the tool will fall a distance before being arrested by the tether.

It is recommended that a clearance distance below the tools anchor point to either the harness, belt or structure is maintained. Its recommended that distance is at least the maximum extended length of the tether plus the dimension of the tool and additionally include a redundancy of 500mm:

$$\text{Clearance} = \text{Maximum length of tool tether} + \text{Dimension of tool} + 500\text{mm}$$

SpanSet Training

SpanSet offers training either on site or at our own premises, in all aspects of height safety and lifting.

Courses are accredited under our registration to ISO 9001, and certificates are issued on successful completion.

Although it is not compulsory, for the safety of all users SpanSet recommends you take advantage of this training service, please contact us for further details.

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