Loop, Cinch & Secure Tool Attachment Method

Very Secure • Reliable • Easy to Use • Cost Effective • Flexible

Easy choices that fabricate to almost any tool

LOOP CINCH SECURE

A

B

It is not unusual for a tool to not have an appropriate or rated tether attachment point.

There are two methods for attaching tethers to tools:

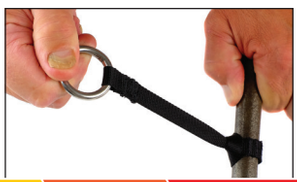
A. Directly attach a ***lanyard-type tether*** to the tool

B. Fabricate a ***load ring*** to a tool and then attach a ***carabiner-style tether*** to the load ring attachment point (see Tool Attachment Accessories Page 11)

For structural integrity the ***load ring*** is looped and cinched directly to the tool. Adding **FRSS Tape** secures the cinched tool attachment and provides extra friction against slippage. A tightly cinched tool attachment using this method will have minimal to no slippage in a tool drop—as opposed to simply taping the tool attachment to the tool as its only structural attachment.

Loop

Cinch



LOOP CINCH SECURE

Secure

Warning: We do not recommend the use of **FRSS tape** as THE ONLY structural component of a tool attachment. Although, depending on tool weight this might work, the structural integrity of a looped tool attachment. is more secure.

We recommend four methods of fabricating safe and secure tool attachments using the Accessories on the following page >

A. Tool Attachment Installation with Tool Geometry
(See page 12)

B. Tool Attachment Installation with Minimal or No Tool Geometry
(See page 12)

C. Loop Lanyard Installation
(See page 13)

D. Swivel Tool Attachment Installation
(See page 13)

Anchor Attachment Accessories

ANSI/ISEA 121-2018

Loop & Cinch around Web Belt

Load Ring Strap / Stainless Steel

- **TA2-2001**
  Load Limit: 15 lb / 6.8 kg
  Max Tether Length: 6 ft / 182 cm

$6.50 / 10 pk-$5.60 each

Slip-On Web Belt

Belt Loop Load Ring / Stainless Steel

- **TA2-2002**
  Load Limit: 15 lb / 6.8 kg
  Max Tether Length: 6 ft / 182 cm

$6.00 / 10 pk-$5.00 each

Tool Attachment Accessories

ANSI/ISEA 121-2018

Load Ratings When Used With Tool Tethers Up To 72"/183 cm Extension Length… ie. for use with tethers up to 6’

Important: Care must be taken in determining the weight of the tool and its geometry. Since the weight and types of tools, types of lanyards and tool geometry are variables, the integrity of creating an attachment point becomes user-dependent. With a looped tether, the strength of the attachment is based on the lanyard wrapped around the tool. In this case, the purpose of taping is simply to keep the attachment point from sliding off the tool as opposed to being an integral structural part of the attachment.

Load Ring Strap / Stainless Steel

- **TA1-1001-3PK**
  3 pk-$14.00 / 10 pk-$45.00
  Load Limit: 5 lb / 2.2 kg
  Max Tether Length: 6 ft / 182 cm

Load Ring Swivel / Zinc Plated

- **TA1-1002-3PK**
  3 pk-$18.50 / 10 pk-$59.00
  Load Limit: 5 lb / 2.2 kg
  Max Tether Length: 6 ft / 182 cm

Load Ring Strap / Stainless Steel

- **TA1-2001-3PK**
  3 pk-$14.50 / 10 pk-$46.50
  Load Limit: 10 lb / 4.5 kg
  Max Tether Length: 6 ft / 182 cm

Load Ring Lanyard / Stainless Steel

- **TA1-2003-3PK**
  3 pk-$16.50 / 10 pk-$50.00
  Load Limit: 10 lb / 4.5 kg
  Max Tether Length: 6 ft / 182 cm

Load Ring Strap / Stainless Steel

- **TA1-3001**
  $6.50 / 10 pk-$5.60 each
  Load Limit: 15 lb / 6.8 kg
  Max Tether Length: 6 ft / 182 cm

Load Ring Swivel / Zinc Plated

- **TA1-3002**
  $9.00 / 10 pk-$7.50 each
  Load Limit: 15 lb / 6.8 kg
  Max Tether Length: 6 ft / 182 cm

Fiberglass Reinforced Self Fusing Silicon Tape / 10' (FRSS)

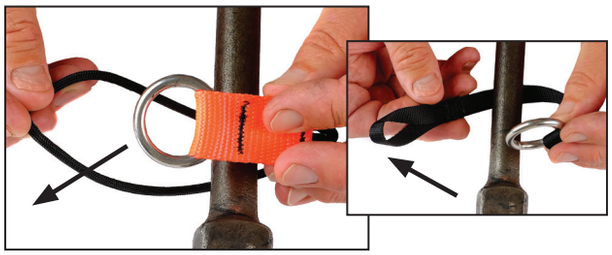
$19.99

- **TA3-1001 Orange**
- **TA3-1002 Clear**

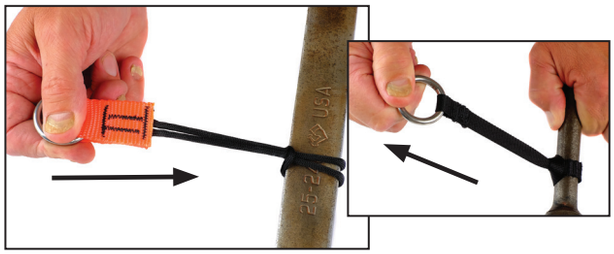
A. Tool Attachment Installation with Tool Geometry

LOOP CINCH SECURE

1. **Loop** Tool Attachment

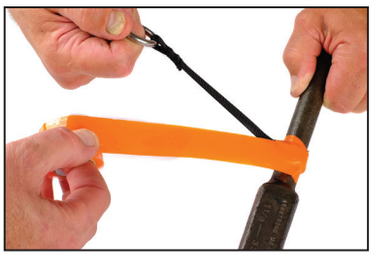


2. **Cinch** Tool Attachment tight



3. Tape Tool Attachment to **Secure**

Apply **FRSS tape** to cinched tool attachment in a criss-cross manner, extending the tape above and below the tool attachment. Recommend minimum of three wraps of FRSS tape.



Completed taping will prevent the tool attachment from slipping off the tool. The structural connection is the cinched tool attachment itself, not the tape. Test for structural integrity and insure tool attachment does not slip.

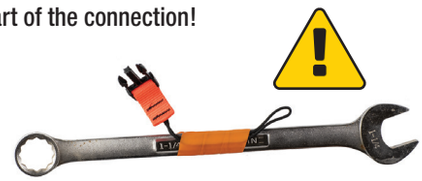
Important:
Inspect tool attachment connection before each use. If tape wears or tool attachment loop becomes loose, re-install!

Tool attachment can be left dangling loose.

Optional: Continue taping loose part of tool attachment as desired to minimize dangle.

Note: Tape is NOT a structural part of the connection!

Warning: We do not recommend the use of **FRSS tape** as THE ONLY structural component of a tool attachment. Although, depending on tool weight this might work, the structural integrity of a looped tool attachment. is more secure.



B. Tool Attachment Installation with Minimal or No Tool Geometry

1. Install as per **Section A** above

2. Apply minimum 3 wraps of FRSS Tape as shown to create a **Stop Block**

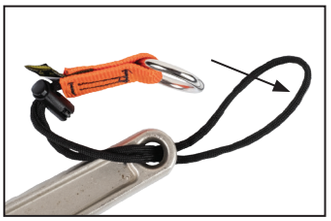
Note: Use of a **Stop Block** is not ideal but for tools with minimal or no geometry, it is functional.

Warning: If **Stop Block** or tool attachment slips, reinstall tool attachment and stop block.

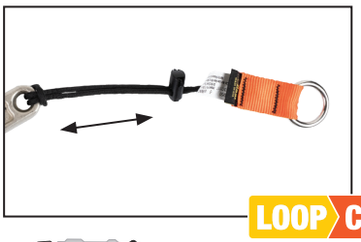
C. Loop Lanyard Installation

Attaching to a Tool Hole or Directly to a Tool

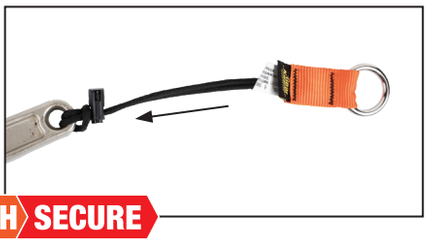
1. Feed through open **Loop**



2. **Cinch** Lanyard tight



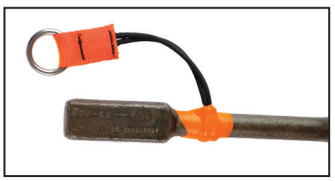
3. Tighten Barrel Lock to **Secure**



LOOP CINCH SECURE

Note: When installing to a tool's integrated attachment point verify with the tool's manufacturer whether the attachment point is rated as a **tether point.**

1. For Attaching Directly to a Tool, see **Section A**



Warning

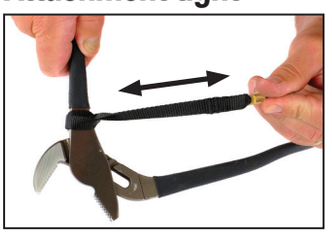
Looping around tool and cinching tight with a barrel lock is NOT recommended as barrel lock may become dislodged and lanyard could slip off tool. For this type of installation, remove barrel lock and tape cinched cord to tool as shown in **Section A.**

D. Swivel Tool Attachment Installation

LOOP CINCH SECURE

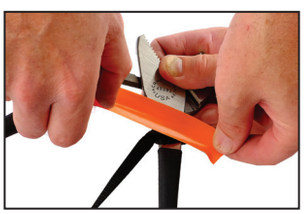
1. **Loop** Tool Attachment

2. **Cinch** Tool Attachment tight



Note: Tool attachment should be looped around tool, not around grip, because grip could slide off tool!

3. Tape Tool Attachment to **Secure**



Apply FRSS tape to cinched tool attachment in a criss-cross manner, extending the tape above and below the tool attachment. Recommend minimum of three wraps of tape. Test for structural integrity and insure tool attachment does not slip.

Tool attachment must also be taped and secured close to the swivel in order for swivel to work properly.

For screw driver attachment, it is NOT necessary to tape the cinched loop. Simply tape close to the Swivel

Warning : Inspect tool attachment connection before each use. If tape wears or tool attachment becomes loose, re-install!