

TOPIC: CREATE ATTACHMENT POINTS TO TETHER TOOLS

When it comes to dropped object prevention, not every tool will have a built-in attachment point for tethering. That's where creating tool attachment points — a.k.a. "trapping" — comes in.

EMPLOYEE PARTICIPANTS:

DISCUSSION DATE:

// TOOL ANATOMY 101

Step 1a: Identify Tool Type

- » Hand Tools: Tools with a natural, fully enclosed hole or handle built into the body
- » Power Tools: Tools requiring a power source to operate (often a battery or cord)
- » Instruments: Tools with specific interfaces for measuring, testing, communicating or lighting
- » Other: Tools or equipment that don't fall into the other categories

Step 1b: Identify Tool Geometry

- » Captive Hole or Handle: Enclosed hole or engineered handle
- » Captive Waist or Neck: Inner midsection between two thicker ends
- » Non-Captive: Open ended handle or other design

Step 2: Measure Tool Weight

Step 4: Record It

Step 3: Measure Tool Size

// TRAPPING THE TOOL

Hand Tools

» Captive Hole/Handle: Tool tails

» Captive Waist/Neck: Shackle traps

» Non-Captive: Tool tails or traps

Power Tools

» Captive Hole/Handle: Tool tails

» Captive Waist/Neck: Power tool traps

» Non-Captive: Brackets

Instruments

» Captive Hole/Handle: Tool tails

» Captive Waist/Neck: Tool tails or trap

» Non-Captive: Tool tails or traps

// TRAPS

Shackle Traps: Connect to waisted/ necked tools (with tapered mid sections) or tools with captive holes

Tape traps: Added security and grip for hand tools without captive holes

Cold Shrink Traps: Secures large or heavy tools instantly

Power Tool Traps: Wraps around the battery portion of drills and other cordless power tools

Brackets: For corded and cordless grinder power tools, D-ring attaches to lanyard

Tape Measure Trap: Wraps around tape measure, D-ring attaches to lanyard

Sleeves: Secures water bottles, canisters, phones and tablets

// TESTED AND TAGGED

Regardless of the trapping method used, make sure your equipment is rated by the manufacturer and labeled appropriately.

Toolbox Talks are intended to facilitate worksite health and safety conversations. For more Toolbox Talks, please visit <u>www.ergodyne.com/blog</u>