



# A510300

## Reusable Swivel Concrete Anchor

**⚠ WARNING:** Compliant fall protection equipment must only be used as it was designed and adhere to the hierarchy of controls as discussed in ANSI Z359.2. Users **MUST** read and follow all user instructions provided with the product. Before using a fall arrest system, users must be trained in the safe use of the system, as required by OSHA 29 CFR 1910.30 and 1926.503, or local safety regulations. **Misuse or failure to heed these warnings and instructions may result in injury or even death.**

WORK SAFE! WORK SMART!

### IMPORTANT

Before use, the user must read and understand these User Instructions. Keep these User Instructions for reference.

### ⚠ WARNING:

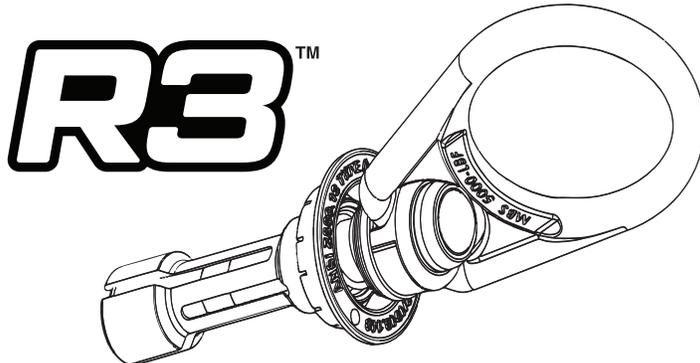
1. Failure to follow all instructions and limitations on the use of the Reusable Swivel Concrete Anchor may result in serious personal injury or death.
2. Minors, pregnant women and anyone with a history of either back or neck problems should not use this equipment.
3. Do not use the Reusable Swivel Concrete Anchor without proper training from a "competent person" as defined by OSHA 29 CFR 1910.140(b) and 1926.32(f).
4. Not all fall protection components are rated for the same user weight capacity. Only use components rated for the same weight capacity.
5. Caution must be taken when using the Reusable Swivel Concrete Anchor or other fall protection equipment near moving machinery, electrical hazards, sharp edges, or abrasive surfaces. Contact with these elements may cause equipment failure, personal injury, or death.
6. Remove any surface contamination such as concrete, stucco, roofing material or foreign material that could accelerate cutting or abrasion or affect the performance of the anchorage connector before installing.
7. Do not expose the Reusable Swivel Concrete Anchor to chemicals or harsh solutions which may have a harmful effect.
8. Personal fall arrest systems, including the Reusable Swivel Concrete Anchor, must be inspected prior to each use for wear, damage and other deterioration. Defective components must be immediately removed from service in accordance with the requirements of OSHA 29 CFR 1910.140 and 1926.502.
9. Striking objects horizontally due to the pendulum effect of a swing fall may cause serious injury or death.
10. Do not use if inspection reveals any defect, wear, damage, deterioration, inadequate maintenance, or unsafe condition.
11. Do not use any equipment that has been subjected to the forces of arresting a fall or if any part of the Reusable Swivel Concrete Anchor is damaged or non-functional.
12. Only Werner Co., or persons or entities authorized by Werner Co., may make repairs or alterations to the equipment.
13. Alterations or misuse may result in serious personal injury or death.

### PURPOSE

Werner Reusable Swivel Concrete Anchors are designed to function as an interface between the anchorage and travel restraint, work positioning, fall arrest or rescue system.

### USE INSTRUCTIONS

1. Before using a personal fall arrest system, employees must be trained in accordance with the requirements of OSHA 29 CFR 1910.30 and 1926.503 in the safe use of the system and its components.
2. The complete fall arrest system must be planned (including all components, calculating fall clearance, and swing fall) before using.
3. Users must have a rescue plan, and the means at hand to implement it, that provides for the prompt rescue of the user in the event of a fall, or assures that the user is able to rescue themselves. A fall over an edge may require special rescue measures.

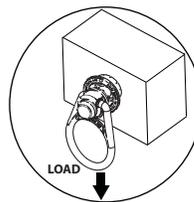


4. Store the Reusable Swivel Concrete Anchor in a cool, dry, clean environment, out of direct sunlight, when not in use.
5. After a fall occurs on the system, immediately remove from service for inspection by a competent person.
6. Werner Co. will provide design information upon request.
7. Field serviceability testing is not required and is not recommended to be performed by the user.

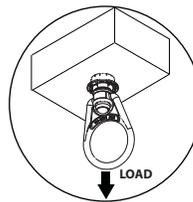
### USE LIMITATIONS

The Reusable Swivel Concrete Anchor has been tested in compliance with the requirements of ANSI/ASSE Z359.7 as a Type A anchorage connector. Compliance and testing covers only the hardware and does not extend to the anchorage and substrate to which the anchors are attached.

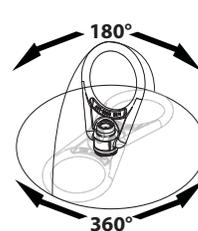
1. PLAN: Establish a plan as to where the Reusable Swivel Concrete Anchor will be installed and when during the construction process.
2. CONCRETE SPECIFICATION: The Reusable Swivel Concrete Anchor must only be mounted in minimum 3000-psi concrete.
3. ANCHORAGE: The Reusable Swivel Concrete Anchor must only be used on structures capable of supporting loads applied in all directions permitted by the fall arrest system of at least: A) no less than 5,000 pounds (22.2 kN) for non-certified anchorages; or B) at least two times the maximum arresting force for certified anchorages; C) according to ANSI Z359.6, *Specifications and Design Requirements for Active Fall Protection Systems* or when strength is unknown.
4. SUBSTRATE: Concrete substrates to which the Reusable Swivel Concrete Anchors are attached must be in good condition and free of cracks, holes, air pockets, holes, or defects that may weaken the substrate. Concrete substrates must be secured to the building and be able to support anchorage requirements. Only connect the Reusable Swivel Concrete Anchor according to the instructions.
5. Do not attach Reusable Swivel Concrete Anchor to deteriorated concrete, unstable structure, partially constructed substrates, unknown concrete, or structure that will not qualify as an anchorage.
6. DIRECTION OF LOADING: Reusable Swivel Concrete Anchor can be loaded in all ranges illustrated.



ACCEPTABLE



ACCEPTABLE



7. CONNECTION: Only one travel restraint, work positioning, fall arrest, or rescue system may be attached.
8. EXTREME TEMPERATURE: The Reusable Swivel Concrete Anchor is designed to be used in temperatures ranging from -30°F to +130°F (-34°C to +54°C). Protection should be provided when used near welding, metal cutting or similar activities. Contact Werner Co. with any questions concerning extreme temperature environments.

# User Instruction Manual

# Reusable Swivel Concrete Anchor

- ELECTRICAL HAZARDS: Use extreme caution when working near high voltage power lines due to the possibility of electric current flowing through the Reusable Swivel Concrete Anchor or connecting components.
- RESCUE: In the event of a fall over the edge, special rescue measures may be required. A rescue plan must be in place.

## COMPATIBILITY LIMITATIONS

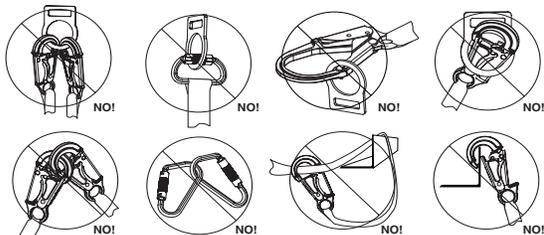
All connecting subsystems must only be coupled to compatible connectors. OSHA 29 CFR 1910.140 and 1926.502 prohibit snap hooks from being engaged to certain objects unless two requirements are met: snap hook must be a locking type and must be "designed for" making such a connection. Under OSHA "designed for" means that the manufacturer of the snap hook specifically designed the snap hook to be used to connect to the equipment in question.

The following connections must be avoided because they can result in rollout\* when a non-locking snap hook is used:

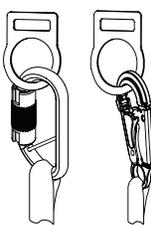
- Direct connection of a snap hook to horizontal lifeline.
- Two (or more) snap hooks connected to one D-ring.
- Two snap hooks connected to each other.
- A snap hook connected back on its integral lanyard.
- A snap hook connected to a webbing loop or webbing lanyard.
- Improper dimensions of the D-ring, rebar, or other connection point in relation to the snap hook dimensions that would allow the snap hook keeper to be depressed by a turning motion of the snap hook.

\*Rollout: A process by which a snap hook or carabiner unintentionally disengages from another connector or object to which it is coupled.

## INCOMPATIBLE CONNECTIONS

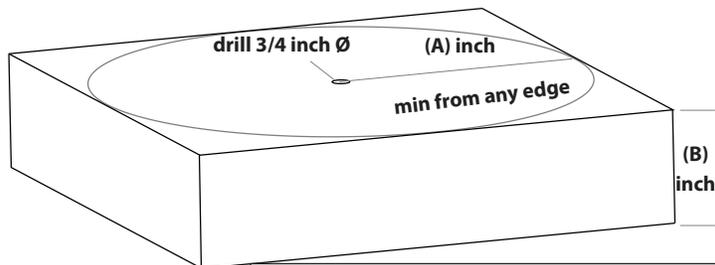


## COMPATIBLE CONNECTIONS



## INSTALLATION

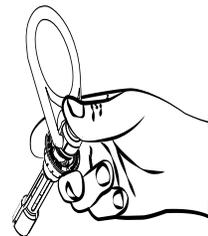
- Drill a 3/4 inch diameter hole at least 3.5 inches deep. The drilled hole must be straight and perpendicular to the surface. Make sure the hole is of uniform diameter and free of peaks and valleys on the inner wall.
- Blow hole clean with compressed air.
- Always inspect the hole carefully when reusing a previously drilled hole.
- When placing anchor, place your thumb on the button and your first two fingers around the stop sleeve.
- Squeeze your fingers and thumb together and compress the stop sleeve and button together.



### HOLE DRILLING REQUIREMENT CHART

(A) Min. Edge/Corner distance	(B) Concrete thickness
6 in (15.3 cm)	12 in (30.5 cm)
12 in (30.5 cm)	5 in (12.7 cm)

- You should feel spring tension when compressing. Remove the Reusable Swivel Concrete Anchor from service if the spring is worn and does not separate the stop sleeve and button when released.
- Insert the anchor so the bottom of the stop sleeve is flush with the surface of the concrete. Do not force.
- Set the unit by tugging upward on the connecting D-ring. Tugging upward will set the inner shaft into the spoons and hold by pressing the spoons against the wall of the hole.



- After unit is set, pull firmly on the connecting D-ring. The unit should hold tight and not move. If movement is felt, remove the anchor from the hole and inspect the function and condition of the unit and the specification of the hole.

## REMOVAL

- When removing anchor, place your thumb on the button and your fingers around the stop sleeve.
- Squeeze your fingers and thumb together and compress the stop sleeve and button together.
- While compressing, pull the anchor out of the hole.
- If the anchor is stuck, lightly tap the button with a hammer. Striking the anchor with force is not necessary. A light tap is enough to disengage the inner shaft from the spoons.
- If the hammer was required to remove the anchorage connector, inspect the anchorage connector thoroughly for damage after removal. If damage is found remove from service and destroy immediately.



## INSPECTION

All components of the Reusable Swivel Concrete Anchor must be inspected prior to each use and annually by an OSHA defined competent person other than the user. Local, state, governmental and jurisdictional agencies governing occupational safety may require the user to conduct more frequent or mandatory inspections.

**⚠ WARNING:** If inspection reveals any defect, inadequate maintenance, or unsafe condition, remove from service until a competent person, as defined by OSHA 29 CFR 1910.140(b) and 1926.32(f), can determine the need for authorized repair or disposal.

**⚠ WARNING:** Any equipment that has been subjected to the forces of arresting a fall, or that has a deployed load indicator, must be removed from service until a competent person can determine the need for authorized repair or disposal.

All hardware must be free of cracks, sharp edges, deformation, corrosion, or any evidence of defect. Reusable Swivel Concrete Anchor must be free of corrosion, chemical attack, alteration, excessive heating or wear. All markings must be legible and attached to the product.

## CLEANING AND MAINTENANCE

Reusable Swivel Concrete Anchor may be wiped down to remove grease or dirt with a clean dry cloth.

## LABELS

Embedded on stop sleeve (ANSI Z359.18 Type A OSHA 1926.502 1910.140)



1 user MAX



-30 to +130 F  
-34 to +54 C

P/N126962-02 REV A

BATCH:XXXX  
MFD:MMYYYY

A510300  
P/N126962-01 REV A



Scan for more Information

Model No.	Material	Length	Width	Connection Size	Minimum Breaking Strength (MBS)	Approx. Weight	Compliance Standards
A510300	Stainless Steel Nylon	7.5 in (19.1 cm)	2.68 in (6.8 cm)	2 in (5.1 cm)	5,000 lb (22.2 kN)	.70 lb (0.35 kg)	ANSI Z359.18-2017 Type A OSHA 1910 & 1926