



# SUPER ANCHOR SAFETY®

## SAS Supplied Connectors Instruction/Specification Manual 2023

ENGLISH  
VERSION

### !WARNING TO USER!

You are required to read and use the Instruction/ Specification manual supplied at the time this device was shipped. Improper use and installation can result in serious injury or death. Follow inspection requirements before each use.

### Specifications

- 5,000lb(23kN)min. tensile strength
- 3,600lb(16kN) gate strength
- 3,600lb(16kN) proof load
- Rated for fall protection use only

SAS used in this manual =

**Super Anchor Safety.**

\*Qualified/competent person  
see OSHA definition.

### Compliance:

ANSI Z359.12-09 Class 1

CSA Z259.12-11 Class 1

OSHA 1925.502

### Modification/Repair

Do no alter or modify connectors or attempt to repair.

**Remove from Service:** Connectors are not serviceable and must be removed from service if they fail to pass inspection or function tests.

### Component Compatibility

Connector compatibility with PPE (personal protective equipment), must be ensured by a qualified\* or competent\* person or as specified in SAS PPE equipment manuals.

**Warning!** Do not make non-compatible connections.

This may result in failure of the connector to function as designed.

### Hazard Warning

Do not allow connectors to come in contact or be exposed to:

- Electrical sources
- High heat or chemicals
- Highly abrasive materials
- Cutting or grinding equipment
- Petroleum based materials
- Cleaning agents/solvents
- Wet concrete

### Hazard Exposure

Highly corrosive materials such as gypsum, volcanic ash/dust and exposure to salt air and salt water will accelerate the deterioration of zinc and EDC coatings.

- Do not allow connectors to be submerged in fresh or salt water
- Petroleum materials or chemicals
- Gypsum/drywall, volcanic dust, salt water or salt air. Clean immediately with fresh water or compressed air after use.

### Storage/Maintenance

- Store in a clean dry area.
- Do not store in exterior equipment boxes that are subjected to moisture or chemical penetration.
- Perform inspections and function tests prior to each use.

### Specification of Use

Single person max. user wt. 310lb(140kg)

Including tools and equipment.

Fall arrest, fall restraint, work positioning.

### Non-Specified Use

- Hoisting, lifting or towing
- Non-fall protection uses
- More than one person attached to a single connector
- Animal tether

### No.5001-Z Carabiner

#### Specifications

- Zinc plated steel
- Twist Lock
- Tensile strength 41kN
- Wt. 8.9oz

Fig.1

Dimensions

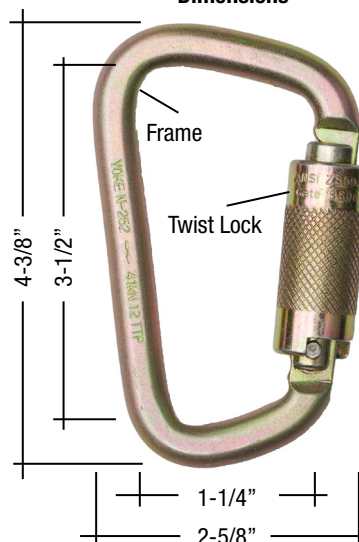
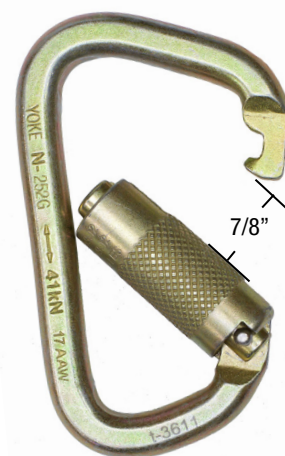


Fig.2

Gate Opening



### No.5006-Z Carabiner

#### Specifications

- Anodized aluminum
- Twist Lock
- Tensile strength 24kN
- Wt. 5.2oz

Fig.3

Dimensions

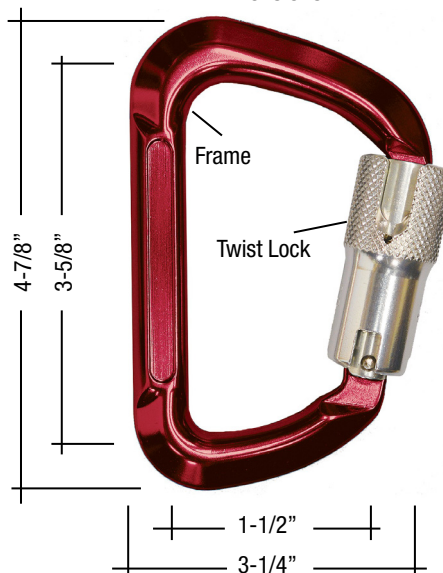
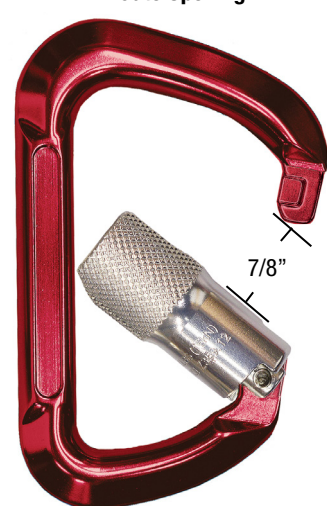


Fig.4

Gate Opening



## Connector Function Tests

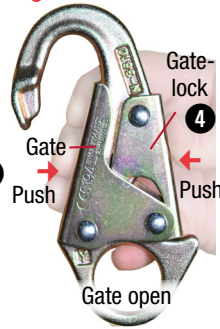
Lock gates are designed to remain closed during use. Perform **Table 1.0** function tests before each use.

Fig.5a Snaphook



Gate Locked

Fig.5b



Unlock gate

Fig.5c



Gate open



Fig.6a



Fig.6b

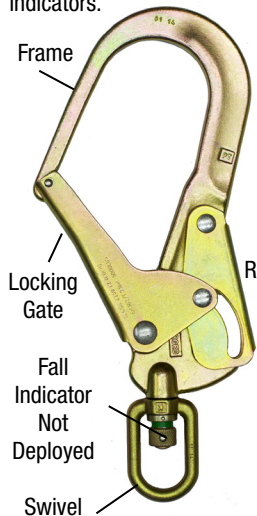


Fig.6c

## Fig.7

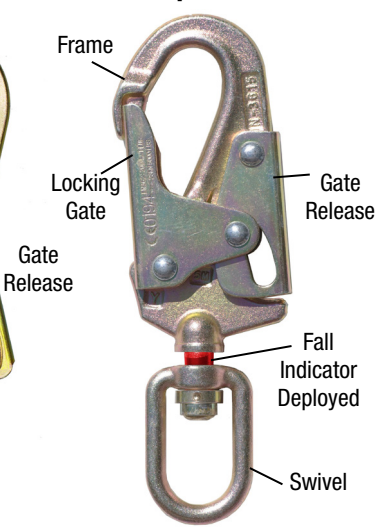
### Swivel Rebarhook

Snaphooks/Rebarhooks are Supplied with or without fall indicators.



## Fig.8

### Swivel Snaphook



## Fig.9

### Fall Indicator Deployed

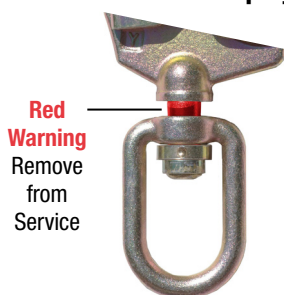


Table 1.0 Remove from service if any test fails.

Fig.	Test Type	Function	Pass <input checked="" type="checkbox"/>	Fail <input type="checkbox"/>
5a-6a	Gate-lock	Push against gate only	Won't open	Opens
5b	Gate-open	Push gate-lock and gate at the same time	Opens	Gate won't open
5c	Gate-close	Release gate and gate-lock at same time	Snaps shut	Won't close and lock
6b-6c	Un-lock gate	Rotate twist lock	Gate opens	Won't open
6a	Gate closes	Release twist lock	Snaps shut	Won't close

## Inspections/Maintenance

A qualified\* or competent\* person must ensure that each worker has read, understood, and has access to these instructions. Inspections and Table 1 function tests must be performed prior to each use. This manual is intended to be used as a guideline only. Employers owners are required to maintain their own safety program and record annual inspections of this equipment.

**Remove equipment from service if any of the following conditions are present:**

X=Inspection points. **ACTION REQUIRED** ☒=Remove From Service

- 1 Subjected to a free fall or other force.
  - 2 Fails inspection/function tests.
  - 3 Gate is bent or won't close. ☒
  - 4 Gate or twist lock is difficult to open ☒
  - 5 Gate locking device is damaged. ☒
  - 6 Frame is bent or has evidence of grinding or gouging ☒
  - 7 Snaphook/Rebarhook swivel does not rotate freely ☒
  - 8 Rivets are missing ☒
  - 9 Fall indicator is deployed ☒
  - 10 Extreme corrosion ☒
  - 11 No record of annual inspection. ☒
- Note: Connectors are not repairable.

Zinc plated connectors corrode easily when exposed to salt air and do not require removal from service provided they pass inspections. Severe corrosion should be inspected by a competent person to determine if removal from service is required.

## Non-Compatible Connections

Fig.10



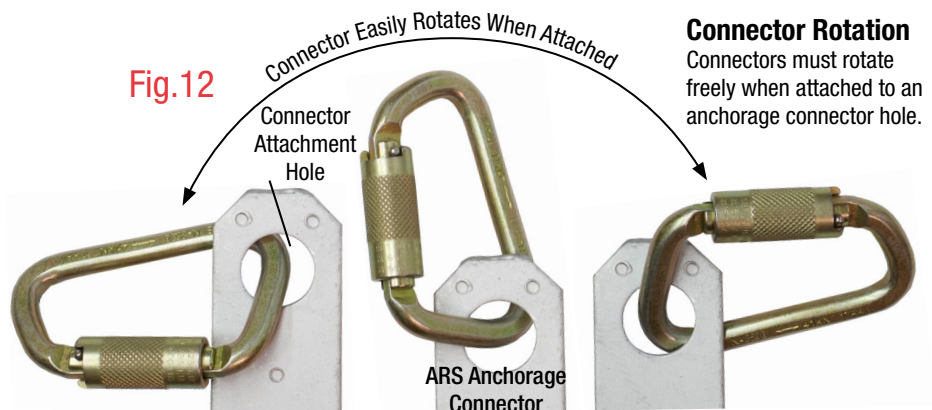
Do not tie a lifeline or web lanyard directly to a connector unless approved by a competent person\*

Fig.11



Do not allow twist or locking gates to intersect anchorage connector holes

Fig.12



## Connector Rotation

Connectors must rotate freely when attached to an anchorage connector hole.