

# 3M™ DBI-SALA® Karabiners Screw Gate

## Technical Data Sheet

### Description

Our anchorage connectors are built from top quality materials guaranteeing high strength and durability to stand up to the toughest environments. Anchorage connectors are the unsung heroes of most fall protection systems, often overlooked but critical components because they securely attach your system to the anchorage.

Your choice of anchor depends on the type of work being done. DBI-SALA offers a selection of karabiners that are used as connecting elements for different segments of a personal fall arrest system, suitable for work in most areas of height. Designed for easy operation they provide a safe and secure locking system to prevent accidental opening and to minimise the risk of roll-out.

### Features

- **18mm/26mm gate opening steel karabiner with/without captive eye** Versatile choice to securely attach one component to another offering strength and durability.
- **Corrosion resistant plated steel hardware** Zinc plating offers high corrosion resistance to stand-up to the toughest environments, providing added longevity.
- **High strength construction** With an overall strength of 25kN/ 41kN this karabiner provides strong, fast and safe connections.
- **User friendly compact design** User friendly design for quick and easy one-handed operation, even while wearing gloves, makes connecting components of your fall protection system together fast and easy for added worker satisfaction and productivity.

### Standards

EN362.



R-105-S

R-105-S-CE

R-517

### Specifications

3M™ DBI-SALA® Karabiners screw gate	
Brand	DBI-SALA®
Material	Steel
Locking Mechanism	Screw Gate
MBS:	Karabiner R-105-S - 25kN R-105-S-CE - 25kN R-517 - 41kN Gate R-105-S - 8kN R-105-S-CE - 8kN R-517 - 16kN
Connected Safety Equipped	No
Physical Dimensions	R-105-S - 107 × 57mm R-105-S-CE - 107 × 56mm R-517 - 124 × 82mm
Gate Opening	R-105-S - 17mm R-105-S-CE - 17mm R-517 - 26mm
Product Styles	Karabiner
Product Types	Connector
Compatibility	DBI-SALA karabiners are designed for use with all 3M DBI-SALA approved components and systems, or as recommended by a competent person.

## Product Life and Inspection

- Before and after each use, visually inspect according to steps listed below
- The Karabiner or snap hook must be inspected by a competent person, other than the user at least 6-monthly.
- Inspection Steps:
  - Inspect the Karabiner or snap hook for damage. Look carefully for cracks, sharp edges, burrs, dents, or deformities. Check for bending or distortion.
  - Check the hardware for excessive corrosion. The gate and lock should operate smoothly, with no difficulty. Gates must fully close and lock.
  - Inspect markings. Markings should be present and fully legible.
  - Inspect each system component or subsystem according to manufacturer's instructions.
  - Record the inspection date and results in the inspection and maintenance log.

## Storage

Connection hardware should be stored in a clean, dry environment away from corrosive fumes or chemical substances.

## Care of Karabiners and Snap Hooks Maintenance, Care and Servicing:

- The connector may be cleaned with a mild detergent or disinfected with a mild sterile disinfectant.
- Locking mechanism may be lightly lubricated with general purpose oil after cleaning. Cleaning lubrication should be carried after each use in a marine, drilling, or refinery environment.
- If gate operation is sluggish, apply a small amount of WD-40 or similar moisture repellent agent to the hinge end only.
- Additional maintenance and servicing procedures must be completed by an authorised service centre.

## Removal from Service:

- If inspection reveals a defective condition, remove the unit from service and destroy it, or contact an authorised service centre for repair.

## Ordering Information

3M Code	Model #	Description
R-105-S	70007925020	17mm gate opening
R-105-S-CE	70007927372	17mm gate opening with captive eye
R-517	70007928057	25mm gate opening, 16kN

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