

# TECHNICAL DATA SHEET

**PRODUCT : STEEL SCREW LOCKING  
KARABINER**

**REF. NO. : RV-SL-112**

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**CONFORMING TO EN 362:2004(CLASS B)**



|                            |                      |                   |                                                                                                                                                                                                                                |
|----------------------------|----------------------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Physical Parameters        | General              |                   | <ul style="list-style-type: none"> <li>Opening 18mm minimum</li> <li>Oval shaped Karabiner made of Ø10mm round bar</li> <li>Self-closing &amp; manual locking type karabiner</li> <li>Screw Locking Type Karabiner.</li> </ul> |
|                            |                      | Weight            | 160.5gm                                                                                                                                                                                                                        |
| Mechanical Characteristics |                      | Material          | Alloy steel                                                                                                                                                                                                                    |
|                            |                      | Breaking Strength | 23kN                                                                                                                                                                                                                           |
| Vital Test Compliance      | Static Strength      | Finish            | Silver/ Golden Yellow Galvanized                                                                                                                                                                                               |
|                            |                      | Major Axis        | Able to withstand a Tensile Load of 15 kN for 3 Min. with Gate closed and unlocked. And also able to withstand a Tensile Marked Load 23 kN for 3 Min. with Gate closed and locked.                                             |
|                            |                      | Minor Axis        | Able to withstand a Tensile Load of 7 KN for 3 Min.                                                                                                                                                                            |
|                            | Gate Function        |                   | With the gate closed and locked, apply a load of 6 kN for 10 seconds along the major axis. Unload and check that gate opens as intended.                                                                                       |
|                            | Gate Resistance      | Gate Face         | Tested with a force of 1 kN for 90 sec, the gate-locking feature of connector function correctly without separating from the latch by more than 1mm.                                                                           |
|                            |                      | Gate Side         | Gate locking withstands a force of 1.5 kN for 60 sec. without any partial fracture. After this test the gate locking feature still functions correctly.                                                                        |
|                            | Corrosion Resistance | Conformity        | ISO 9227:2010-24 hours neutral salt spray followed by 1 hour drying , then a further 24 hours exposure<br>No visual evidence of any corrosion present.<br>Gate function retained                                               |