

# TECHNICAL DATA SHEET

**PRODUCT : STEEL TOWER HOOK**

**REF. NO. : RV-TH-132**

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



|                       |                      |                   |                                                                                                                                                                                                                                                                           |
|-----------------------|----------------------|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Physical Parameters   | General              |                   | <ul style="list-style-type: none"> <li>Opening 85 mm</li> <li>Auto closing &amp; auto locking type steel tower hook.</li> <li>Locking by spring operated attachment.</li> </ul>                                                                                           |
|                       |                      | Weight            | 850.0gm                                                                                                                                                                                                                                                                   |
| Metallic Assembly     |                      | Material          | Alloy Steel                                                                                                                                                                                                                                                               |
|                       |                      | Breaking Strength | 23 kN                                                                                                                                                                                                                                                                     |
| Vital Test Compliance | Static Strength      | Major Axis        | <p>Silver/Golden Yellow Galvanized 50 hrs of neutral salt spray testing.</p> <p>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 of 20 kN for 3 Min. with Gate closed and locked.</p> |
|                       |                      | Gate Function     | With the gate closed and locked, apply a load of 6 kN for 10 second 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        | <p>ISO 9227:2010-24 hours neutral salt spray followed by 1 hour drying , then a further 24 hours exposure</p> <p>No visual evidence of any corrosion present. Gate function retained</p>                                                                                  |