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T-ISS TRI-HOOK CONNECTION BRACKET

SECURE STORAGE FOR MULTIPLE RELEASE HOOKS



T-ISS Tri-Hook Connection Bracket
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1. GENERAL DESCRIPTION

The T-ISS Tri Hook Connection Bracket is designed to safely suspend and organise multiple release hooks, allowing them to remain connected and immediately available for deployment during lifeboat and rescue boat operations. Manufactured from high-strength, corrosion-resistant steel, it provides a secure connection between the davit fall and compatible release hooks using certified shackles.

Fully compatible with the T-ISS PX01 Release Hooks, PX02 Liferaft Release Hook and PX03 Rescue Boat Hooks, the connection bracket has been tested to verify its Safe Working Load (SWL) of 3,500 kg and complies with the stringent requirements of SOLAS and the LSA Code.

2. INSTALLATION

The operation of the triangle bracket is simple:

1. Pass one qualified shackle through the upper hole of the triangle bracket, then connect it to the steel wire rope on the davit hanger.
2. Pass two qualified shackles through the lower holes of the triangle bracket, then fit the release hooks accordingly.

Attention: Shackles shall comply with specified load and diameter requirements:

- Working load capacity > 8140 kg
- Pin diameter < 40 mm

Triangle bracket raw material specification:

- Yield strength: ≥ 355 MPa
- Tensile strength: 470 ~ 630 MPa
- Elongation after fracture: $\geq 21\%$; excellent ductility to prevent brittle fracture

Note: Wear gloves during installation.

