

LIFEBOAT RECOVERY STROP

Lifeboat recovery strop with forged connector plate and bow shackle



Fig. 1 — Complete recovery strop: webbing sling, forged connector plate and bow shackle

DESCRIPTION

Lifeboat recovery strops are required for any lifeboat that also functions as a rescue boat in rough weather. The strop allows the crew to safely connect the heavy lifting hooks (fall blocks) to the boat's lifting rings without injuring their hands or damaging the boat in high waves.

Working principle: think of the strop like a flexible extension cord. In calm weather, the boat is connected directly to the heavy metal hook hanging from the crane. In bad weather, when this hook swings wildly, the crew first attaches the flexible strop to the boat and then — safely from inside the boat — simply clips the swinging hook to the end of the strop.

KEY FEATURES

- Minimum safety factor (breaking strength) of at least 6× the total weight of the fully loaded boat
- Supplied with a valid test certificate; periodic inspection required
- Rot-, UV- and corrosion-resistant material (nylon or high-strength galvanised steel wire)
- Permanent marking with entry-into-service date on every strop
- Length matched for easy reach of the davit fall blocks
- Complies with IMO and SOLAS Chapter III guidelines, per Marshall Islands Registry

TECHNICAL DRAWING — FORGED CONNECTOR PLATE

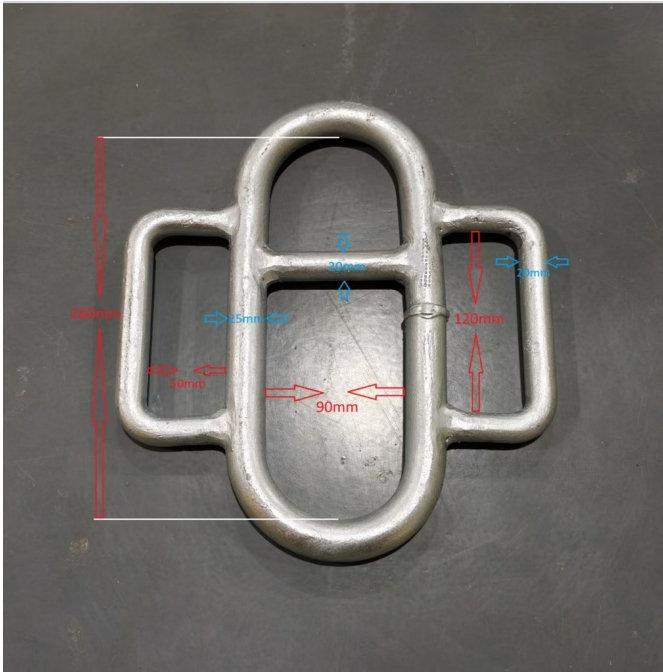


Fig. 2 — Connector plate dimensions (indicative, in mm)

Overall length (H)	260 mm
Centre opening width	90 mm
Right opening length	120 mm
Right opening width	20 mm
Left opening width	50 mm
Wall thickness between openings	25 mm
Top loop wall thickness	20 mm

DETAIL MEASUREMENTS

The photos below show the check measurements taken with a digital caliper during quality control of the forged connector plate.



Fig. 3 — Bar diameter: 19.43 mm

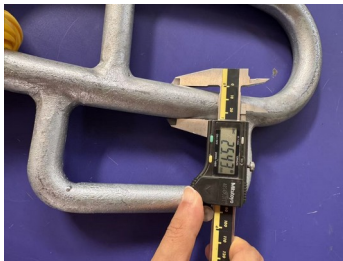


Fig. 4 — Material thickness: 25.43 mm



Fig. 5 — Overall length of connector plate: ± 260 mm

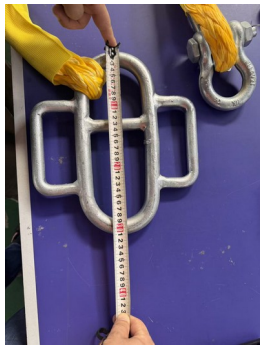


Fig. 6 — Connector plate with bow shackle

FULL SPECIFICATIONS

Product group	Lifeboat recovery strop
Application	Connection between davit fall block (lifting hook) and the lifting rings of the lifeboat / rescue boat
Sling material	Nylon or high-strength soft steel wire — rot-, UV- and corrosion-resistant
Connector plate	Forged and galvanised steel
End fitting	Bow shackle, galvanised steel
Safety factor	≥ 6× total weight of the fully loaded boat
Marking	Permanent marking with entry-into-service date
Certification	Valid test certificate required
Standards	IMO / SOLAS Chapter III, per Marshall Islands Registry
Availability	Available ex stock

MAINTENANCE AND INSPECTION

- Visual inspection by the crew before each use
- Thorough inspection every 6 months
- Refer to the IMO guidelines for detailed inspection and testing criteria for strops and slings

Note: all dimensions are indicative and based on physical check measurements. Always refer to the relevant test certificate and the vessel-specific davit specifications before use.