

# PRODUCT DATASHEET

Product Name: CLS Upgrade Kit

Product Category: Accessory for throwable water rescue devices (lifebuoy / horseshoe buoy)

## Intended Use

The CLS Upgrade Kit is designed to improve the handling, throwing accuracy, and controlled retrieval of a compatible throwable life-saving device during water rescue operations. The product is intended for **horizontal pulling of a person in the water**, when used together with a compatible buoyant life-saving device.

⚠ The CLS Upgrade Kit is **not a standalone life-saving appliance**.

---

## Compatible Life-Saving Devices

- Lifebuoys
- Horseshoe buoys

Compatibility depends on buoy **shape, size, and cross-section**. Always verify proper fit before use.

---

## Product Variants

### CLS Upgrade Kit – Lifebuoy version

- Plastic insert contoured for toroidal (ring-shaped) buoys
- Product code prefix: **IS-CLS-R-...**

### CLS Upgrade Kit – Horseshoe buoy version

- Plastic insert contoured for curved flat surfaces
- Product code prefix: **IS-CLS-H-...**

---

## Main Components

- Adjustable harness with hook-and-loop fastening
- Reinforced towing eye
- Integrated grip handle
- Plastic load-distribution insert
- Rope storage pockets
- Floating rope handle with integrated **V-cleat** rope locking feature
- Buoyant lifeline with two floating carabiners

---

## Materials

- Webbing and coated textile materials: **PVC, PES**
  - Plastic components: **HDPE, LDPE, PP**
  - Carabiners: **Aluminum, steel**
  - Buoyancy elements: **PP, NBR foam**
-

## Key Features

- Improves grip and throwing control of rescue buoy
  - Enables controlled and efficient horizontal retrieval
  - Ready to use without rope preparation
  - Adjustable fit for a wide range of buoy sizes
  - Floating rope handle for improved visibility and handling
  - Rope locking via integrated V-cleat for assisted hauling
  - Does not impair the buoyancy, visibility, or graspability of the device by the rescued person.
- 

## Safety Information

- For use **only with compatible life-saving devices**
- Not suitable for lifting or hoisting persons
- Always ensure secure fastening before use
- Inspect for damage prior to use
- Follow official maritime safety rules and good seamanship practices

For full safety instructions, refer to the **Instruction For Use (IFU)**.

---

## Compliance and Documentation

- Fully meets **EU 2023/988** General Product Safety Regulation
  - Developed under **ISO 10377:2013** consumer safety guidelines
  - Strength values derived from **IMO Res. 81(70)** and **IMO Res. MSC.48(66)** requirements
  - Risk analysis and product safety documentation available
  - Instruction For Use supplied with the product
- 

## Intellectual Property

The CLS Upgrade Kit is protected by granted patents in multiple jurisdictions, including the EU, USA, Japan, Australia, and China.

---

## Manufacturer

**Inshore Safety Kft.**

8640 Fonyód, Szent István u. 77

Hungary

✉ [info@inshoresafety.com](mailto:info@inshoresafety.com)

---