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# RETURN CLAMP ASSY 400 A W/SAFETY

Product group: 195      Product number: 633180

Return clamp assembly 400A with safety connectors with 3m cable 50mm2 for use with safety connectors built-in extension cables.



## Product information

This product supersedes product no: 537654

Reference to Code of Safe Working Practices for Merchant Seafarers (COSWP, UK): 24.7.3 Earth return clamp must be connected as closet to welding piece and not hull.

The return clamp should always be placed as close as possible to the welding area, or on the work piece itself if this is not an integral part of the hull.

The return connector must be properly dimensioned to provide good contact for the welding current load to be used. There are four types of return clamps available: the 200A, 400A, 600A and 800A.

### Features

- Good contact with the workpiece
- Strong grip that permits attachment to any work piece
- Provide a large contact area with less overheating

### Benefits

- Compliance to OCIMF SIRE 2.0 electric arc welding safety requirements
- Secured return on work piece reduces circuit resistance and provide a stable voltage which ensures good welding quality

## Specification

### General

Invent Hazard Material (IMO/IU) classification	NA
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## Documents

[SDoC and MD for IHM](#)

## Directions for use

Grind off rust and paint before connecting return clamp in order to ensure optimal contact with the workpiece

The positioning of the return clamp determines how large a part of the vessel or of the work piece is to be utilized as part of the welding current circuit

The thickness of material between welding point and return clamp must be sufficient to carry the current load that is to be used

Think carefully before fixing the return clamp so that sensitive machine parts such as ball bearings etc. are not used as a bridge for welding current

## Related products

Is frequently bought together with

522680  
EL.HOLDER 400A WITH SAFETYCONNECTOR  
709485  
FLIPVISION WELDING FACE SHIELD