

Product group: **195** Product number: **594317**

Return clamp assembly 400A with DIX 70 connector with 3m cable 50mm² for use on UWI-230 TP AC/DC, UWI-320TP, UWW-301 TP and UWI-500TP.



Product information

Reference to Code of Safe Working Practices for Merchant Seafarers (COSWP, UK): 24.7.3 Earth return clamp must be connected as close 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/EU) classification	NA
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Variants

Product name	Product number
AIR CARBON ARC TORCH 600A	528703
EL.HOLDER 200A WITH DIX70 CONNECTOR	627885
EL.HOLDER 400A WITH SAFETYCONNECTOR	522680
ELECTRODE HOLDER TWISTY 200AMP	552497
ELECTRODE HOLDER TWISTY 400AMP	513051
ELECTRODE HOLDER UNIKING 600AMP	511006
RETURN CLAMP 200A	653881
RETURN CLAMP 400A	653899
RETURN CLAMP 600 A	653907
RETURN CLAMP 800A	175745
RETURN CLAMP ASSY 200A W/DIX 25	633164
RETURN CLAMP ASSY 200A W/DIX 70	633172
RETURN CLAMP ASSY 400 A W/SAFETY	633180 (supersedes 537654)
RETURN CLAMP ASSY 400A W/DIX 70	594317

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 accessory to

500500
 UWI-500TP WELDING INVERTER

Is spare to

320320
UWI-320TP WELDING INVERTER

Is part of bundle

670406
ACCESSORIES KIT F/UWI-230,-320,-500
670410
ACCESSORIES KIT F/UWW-301 TP

Is frequently bought together with

594325
EL.HOLDER 400A WITH DIX70 CONNECTOR

632786
WELDERS GLOVES. 6 PAIRS

709485
FLIPVISION WELDING FACE SHIELD

699264
LH-314N 2.5X350MM 161 PCS 4.0 KG

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