



Lloyd's  
Register

## Type Approval Certificate Extension

This is to certify that Certificate No. 96/00006(E3) for the undernoted products is extended and renumbered as shown.

This certificate is issued to:

<b>APPLICANT</b>	L Robinson & Co (Gillingham) Limited Owens Way Gads Hill Gillingham Kent, ME7 2RS United Kingdom (UK)
<b>PRODUCER &amp; PLACE OF PRODUCTION</b>	Jubilee Clips Limited Owens Way Gads Hill Gillingham Kent, ME7 2RS United Kingdom (UK)
<b>DESCRIPTION</b>	304 and 316 Stainless Steel, 'Jubilee' Hose Clips 304 Stainless Steel 'Jubilee' High Torque Hose Clips
<b>TYPE</b>	Worm Drive Hose Clips
<b>APPLICATION</b>	Marine, Offshore and Industrial use for clamping the ends of the flexible hoses.
<b>SPECIFIED STANDARD</b>	BS5315:1991, SAE J1508 type HD
<b>Certificate No.</b>	96/00006(E4)
<b>Issue Date</b>	8 June 2016
<b>Expiry Date</b>	25 January 2021



MTES Southampton Office  
Lloyd's Register EMEA

LR031.1.2015.12

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**RATINGS**

'Jubilee' Hose Clips	Nom. Diameters 12 – 318 mm
'Jubilee' High Torque Hose Clips	Nom. Diameters 35 – 520 mm Rec. torque 11.9Nm (106 lbs in)

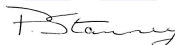
**SERVICE/LIMITATIONS**

1. The subject hose clips are considered suitable for the services listed below:
  - 1.1 On Ships/Mobile Offshore Units -
    - 1.1.1 Domestic salt and fresh water systems.
    - 1.1.2 Sanitary systems.
    - 1.1.3 Water pipes associated with air conditioning plant.
  - 1.2 On Special Service Craft -
    - 1.2.1 Engine water cooling systems, up to 50mm if pipes are not engine mounted.
    - 1.2.2 Bilge piping systems up to 50mm.
    - 1.2.3 Water injected engine exhaust pipes up to 100 mm.
2. The following conditions of use are to be observed -
  - 2.1 Hose clip sizes are to be within the stated size restrictions and regardless of service, the use of hose clip sizes greater than 140 mm diameter in applications where the maximum working pressure is greater than atmospheric pressure is to be by prior agreement with Lloyd's Register.

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- SERVICE/LIMITATIONS** (continued)
- 2.2 The ends of the hose(s) concerned are to be prepared such that there is sufficient overlap with the pipe(s).
  - 2.3 The hose clips are to be secured and tested under full working conditions to the satisfaction of the Society's Surveyor.
  - 2.4 For the services mentioned at 1.2.1, 1.2.2. and 1.2.3, two hose clips shall be fitted to each end of the hose.
  - 2.5 The user shall, in any case, use the subject hose clips in accordance with the manufacturer's instructions.
  - 3. Only the 'High Torque Jubilee clips' are suitable for heavy duty applications with reinforced hose.

*"This Certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid certificate."*

*The attached Design Appraisal Document No. 96/00006(E4) and its supplementary Type Approval Terms and Conditions form part of this Certificate.*

All other details remain as the previous Certificate No. 96/00006(E3) to which this extension should be attached.

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