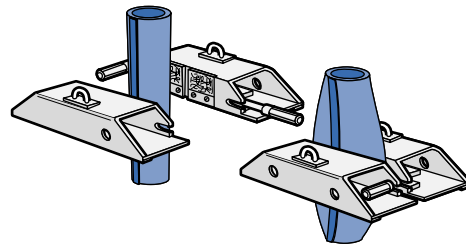


Heavy Duty Clamp – KA5122

Instructions for use

Specification

Material: Mild Steel, painted finish
 Approximate Weight: 32kg
 Test Load: 8 tonnes
 Max. Safe Working Load: 5 tonnes
 Socket Size: 30mm
 Max. Torque of Nuts: 100 Nm (74lb - ft)
 Qty. Required Per Installation: 2



1. Introduction

1.1 The clamp is fabricated from a reinforced box section, each half clamp being provided with serrated clamp jaws and one lifting eye. The general appearance and method of use is illustrated in the picture above.

IMPORTANT

The design principle is that a tensile load applied to the riser causes a locking or gripping force to be generated. For this to happen, it is important that the clamp is resting on its feet (i.e. the strips attached on the underside of the sections) or be suspended by a two leg sling.

1.2 In situations where the clamp is to rest directly on top of the well casing, the clamp should be supported by two lengths of channel running at right angles to the clamp. This will enable the clamp to be used without trapping the power cable.

2. Instructions for Use

Please also refer to the latest edition of the Wellmaster Installation Manual for more details

2.1 Check there are no sharp protrusions that could damage the riser on the faces or edges of the clamping surfaces.

2.2 Position the clamp as shown in Fig. 1 **ensure :-**

- The riser surface in the clamped area is clean and dry, free from water, drilling mud etc.
- The riser is central and square in the clamp.
- The power cable is outside the clamp.

N.B. It is not necessary for the power cable attachment strip to be located in the key slot.

2.3 Making sure that the thick spacer washers are in position and the swing bolts correctly located, tighten each nut equally finger tight.

2.4 Re-check positioning of riser in the clamp and then using a 30mm socket torque wrench, with 100mm extension piece, tighten each nut evenly to a torque of 100 Newton-metres (74lb - ft). Clamp faces must remain parallel.

3. Safety Precautions

3.1 At all times the clamp must rest on its feet and/or be supported by a two leg sling.

3.2 Support slings should be arranged to give a maximum 60° angle between the legs and each leg a S.W.L. of 3.0 tonnes (to support a maximum 5 tonne load at the clamp).

3.4 Slings should be attached by shackles, not hooks.

3.5 The serrated jaw plates should be kept clean by wire brushing.

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