

## Inspection of Clamp Type Drill Line Retainer

### 1.0 Purpose

To provide an inspection procedure for clamp type drill line retainers that focuses on the suitability of the U bolts, the threads of the retainer nuts and the condition of the clamp body.

### 2.0 Scope

All rig personnel must review the information and have ongoing access to this document. It is to be followed prior to fitting a clamp type retainer to the drill line.

### 3.0 Definitions

Clamp Type Drill Line Retainer: A mechanical component that consists of a body, two U bolts and four retaining nuts that is used keep the fastline retained to the draw works drum.

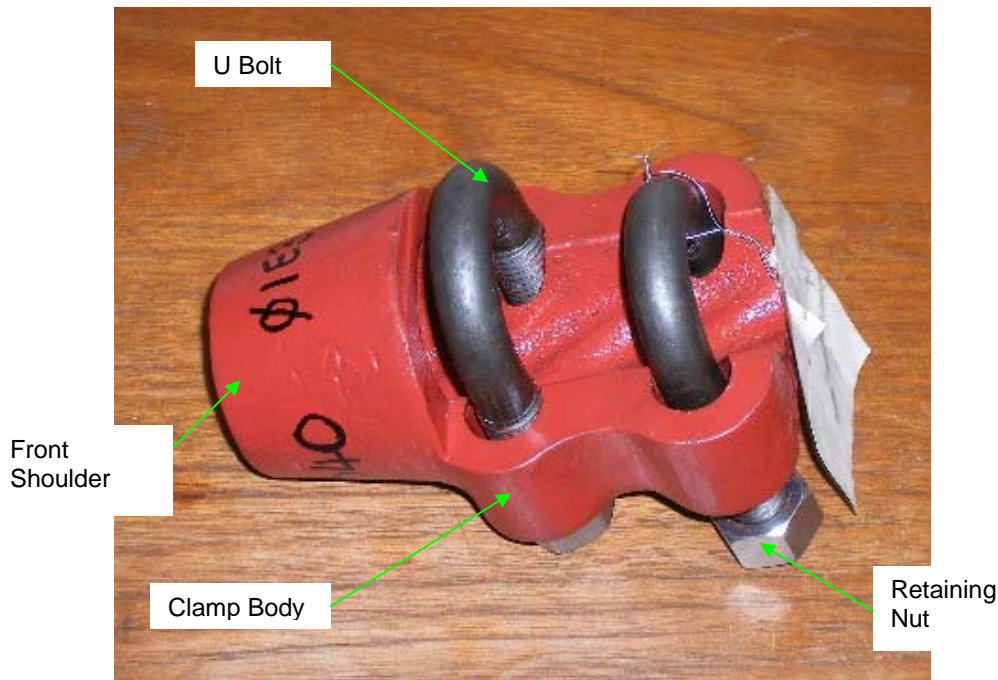


Figure 1 – Clamp Type Drill Line Retainer



Figure 2 – Retainer Body

#### 4.0 Procedure

Each time that the retaining clamp is removed for the purpose of a Slip and Cut, or when new drilling line is spooled onto the draw works drum, it is the responsibility of the rig manager to ensure that a competent person is used to inspect and fit the retainer to the drill line or that a competent person oversees the inspection/installment of the unit by a member of the crew that is being trained to perform the task.

#### 4.1 Inspection of Retaining Clamp

Inspect the clamp body to ensure the following:

1. The retainer nut recess is flat and free of spalling
2. The line lay ridges are not worn – refer to figure 2
3. No fretting in the U bolt holes
4. No cracks or abnormal wear on the body. Pay particular attention to front shoulder of the body – refer to figure 1

Inspect the U bolts for the following:

1. Threads are in good condition



Figure 3 – Threads are damaged due to either incorrect retaining nuts or “picking up” while the nuts were fitted. **DO NOT USE.**

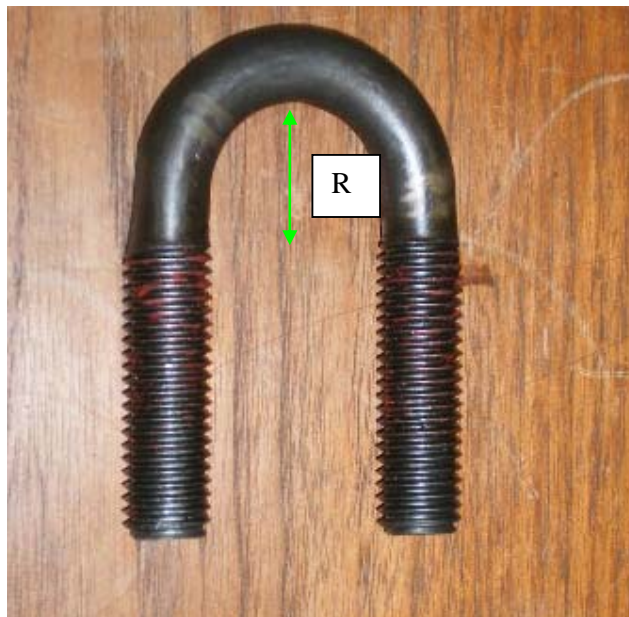


Figure 4 – U bolt in serviceable condition. Notice the thread length in comparison to the unit in figure 3

2. There is no wear or signs of movement on the clamping surface
3. The dimension shown as R on figure 4 is at least 1/5 smaller than the diameter of the drill line to be clamped.



Figure 5 – U bolts showing signs of relative movement between the line and retainer. The lines are caused by gouging from the drill line. This is indicative of a problem with the clamp assembly or the installation of the clamp assembly

4. No signs of abnormal wear on the shanks

Inspect the nuts for the following:

1. The threads are in good condition



Figure 6 – Threads show signs of spalling. **DO NOT USE**

2. There is no abnormal wear on the contact faces or the spanner flanks

**If any of these conditions are not met, a new retainer must be fitted. The replaced unit must be fitted with a non-compliance tag and returned to Wacol – No Exceptions**