

## I .USE

The upper Kelly cock is a kind of manual application valve in drill string circulation system, it is used in exigence circs of blowout.

The upper Kelly cock is used between Kelly's upper end and Tap's lower end.

## II .CONFIGURATION AND TRAIT

Upper Kelly cock is made up of body, upper ball seat, lower ball seat, upper ring, operating key, ball, lower ring, muff, spring collar and seals.  
primary trait:

Upper Kelly cock uses crossed knot to control ball, and so we can circumgyrate crossed knot to " on" or "off" by hand lever to prevent the exigence circs of blowout. it is safety and easy to use.

## III.install

1.We should inspect the upper sub and lower sub's screw thread, make sure they accord the provision of GB GB/T9253.1-1999

2.Testing "on" or "off"

Look into the "on" or " off" on the valve body whether they are the same to the ball .

3. Testing pressure

The Upper Kelly cock Test hydraulic pressure 10000Psi.

## IV.MAINTENANCE

1.When The Upper Kelly cock isn't use, we should prevent rustiness, and besmear the preservative oil on the working faces and screw thread.

2.Testing pressure before using, when discovering the seals or spring is invalidation, we should instead immediately.

3.Be care not to shatter the screw thread when you portage.

## V .Technical specification

Note: An operating spanner in shipping box following the product.

如图所示: 1. 本体/body 2. 上阀座/upper ball seat 3. 上拼合环/upper ring 4. 旋转销/operating key 5. 球阀/ball 6. 下阀座/lower ball seat 7. 下拼合环 lower ring 8. 支撑套/muff 9. 孔用弹簧挡圈/spring collar 10. 弹簧/spring