

# Coiled Tubing Hydraulic Knuckle Joint with Adjustable Bleed Valve



- UP TO 15° BEND
- CRITICAL PART OF MLES
- ADJUSTABLE BLEED VALVE

## Description

The DTI Coiled Tubing Hydraulic Knuckle Joint with Adjustable Bleed Port is a coiled tubing service tool used to provide a controlled deviation within the coiled tubing tool string. The knuckle can offer a maximum deviation of 15°. The hydraulically activated bend in the DTI CT Hydraulic Knuckle Joint can support CT logging, Stimulation activities or help with cleanout runs, for example, to direct jetting nozzles close to the casing wall.

A primary application for the Hydraulic knuckle Joint is in conjunction with the DTI Hydraulic Indexing Tool and if required the Velocity Check Circulation Valve as part of a lateral re-entry system.

The tool features a bleed port which opens when the knuckle joint reaches maximum deviation. An adjustment screw has been added to the bleed port to make assembly easier and ensure the bleed port opens at the required deviation.

## Features & Benefits

- Flow activated deviation of the toolstring up to 15°.
- Bleed port indicator.
- Used as part of the DTI Multi-Lateral Entry System to enter multiple laterals in a single CT trip.
- Can be used for applications requiring an inclined BHA including fishing, jetting tunnelling, cleanouts and stimulation
- Fully sealed through bore
- Internal low friction seals.

| Part Number  | Outside Diameter | Inside Diameter | Operating Pressure | Length | Thread    |
|--------------|------------------|-----------------|--------------------|--------|-----------|
| CKJHA169AC08 | 1.687"           | 0.25"           | 2000 psi           | 26.5"  | 1.00 AMMT |
| CKJHA212AC09 | 2.125"           | 0.39"           | 3000 psi           | 28.5"  | 1.50 AMMT |
| CKJHA288AC23 | 2.875"           | 0.75"           | 3000 psi           | 32.0"  | 2.38 PAC  |

We offer optional equipment, alternative sizes, materials and thread connections. **Please contact us for more information.**

