

[Product Overview](#)

The **Knuckle Joint** is a flexible wireline tool string component designed to provide articulation between adjoining downhole tools. It is particularly effective in **deviated and directional wells**, where tool string alignment is difficult to maintain. By allowing angular movement between the stem and jar, the Knuckle Joint enables smoother tool operation and prevents binding caused by misalignment. The unit is typically installed **immediately below the mechanical jar**, and for additional flexibility, a second Knuckle Joint may be positioned between the stem and the jar. The design incorporates a **built-in double fishing neck** for improved handling and retrieval. We also offer Forged Knuckle Joint.

[Key Features](#)

- Provides angular flexibility within the wireline tool string
- Designed for deviated and horizontal well applications
- Built-in double fishing neck

[Benefits](#)

- Improves tool string flexibility
- Prevents binding caused by tool misalignment
- Enhances movement through deviated wellbores
- Increases operational efficiency

[Technical Data](#)

Size (in)	Max. O.D. (in)	F/N O.D. (in)	Connection (Pin × Box)
1-1/8	1.125	0.875	5/8-11 UNC
1-1/4	1.250	1.187	15/16-10 UN
1-1/2	1.500	1.375	15/16-10 UN
1-7/8	1.875	1.750	1-1/16-10 UN
2-1/8	2.125	1.750	1-1/16-10 UN
2-1/2	2.500	2.312	1-9/16-10 UN



**FORGED
KNUCKLE JOINT**