

# INTREPID SP – High Performance Semi Premium Connection

Intrepid SP is a proven Semi Premium Connection developed to face customer challenges. Intrepid SP allows to combine Drilling with Casing assure high torque resistance. Fully interchangeable with API BUTTRESS connection, casing accessories. Bending capability of the connection is higher than  $20^{\circ}$  / 100 ft.



### **AVAILABLE SIZES:**

4 1/2" & 5 1/2"

## **INTREPID SP FEATURES:**

- Fully interchangeable with API BUTTRESS connection, casing accessories
- "Pin-to-shoulder" design
- True ID
- · High operational Torque
- Enhanced structural capacity

### **INTREPID SP MAIN APPLICATIONS:**

- Drilling with Casing
- Shale
- Intermediate casing
- Production casing



# INTREPID SP Performance DATA

**OD:** 4,5 in.

**WEIGHT:** 15,10 ppf

**STEEL GRADE: P110** 

**CONNECTION: INTREPID SP** 

# **PIPE BODY PROPERTIES**

| Nominal OD                 | 4,500 in.  | Standard Drift                      | 3,701 in.   |
|----------------------------|------------|-------------------------------------|-------------|
| Nominal ID                 | 3,826 in.  | Nominal Weight                      | 15,10 lb/ft |
| Wall Thickness             | 0,337 in.  | PBYS                                | 110 ksi     |
| Internal Pressure Capacity | 14 420 psi | <b>External Pressure Resistance</b> | 14 340 psi  |

# **CONNECTION PARAMETERS**

| Coupling OD            | 5,000 in. | Bending                | 20° / 100 ft |
|------------------------|-----------|------------------------|--------------|
| Coupling Length        | 9,055 in. | Minimum Make-up Torque | 8 500 ft.lb  |
| Make-up loss           | 3,937 in. | Optimum Make-up Torque | 9 220 ft.lb  |
| Compression efficiency | 485 klb   | Maximum Make-up Torque | 10 000 ft.lb |
| Tension efficiency     | 485 klb   | Operational torque     | 14 750 ft.lb |

#### **CONTACTS**

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