



# DURA Drill Float™

**The Double Upper Reserve Activated (DURA™) Float is a contingency float option equipped with a dormant secondary dual float that can be activated on demand.**

Considered "the last line of defence" the DURA allows operators to continue drilling even after the tool is activated. Placed above the BHA it can be rapidly activated by pumping a unique smart dart from surface.

Based on the proven Self-Filling Float™, the DURA is fitted with a dual flapper arrangement. This acts as a back-up to the primary float in the string and provides unparalleled sealing technology and redundancy when activated.

## BENEFITS

- Superior double float protection providing the ultimate contingency
- Fast activation
- Large through bore allows most activators to travel through safely while in dormant mode
- Allows Self-Filling until activated
- Provides the option to recover to a floated state without losing pumping or drill ahead capability
- 10,000 psi working pressure allows a safe exit from hole
- Compatible with Self-Filling Float™ range

## APPLICATIONS

- Well control
- Stuck pipe severance
- Drill string failure in BHA
- BHA leak paths
- Primary float failure



## SPECIFICATIONS

Material	AISI 4145-H Modified – 120 min ksi	
Internal Connection (Box- Pin)	6 5/8" FH	5 1/2" FH
External Connections (Box-Pin)	6 5/8" FH	5 1/2" & 5 7/8" DP and BHA connections
Make-Up Torque (kft-lbs)	64-66	43.5
Temp – Standard (Celsius/Fahrenheit)	210/410	
Overall length (ft)	8.2	7.1
Maximum OD (in)	8.5	7.5
Box OD (in)	8.5	7.5
Pin ID (in)	4	3.25
Weight (lbs)	1,061	705
Drift diameter (pre-activation) (in)	3.21	2.45
Dart OD (in)	3.25	2.6
Minimum TFA (pre-activation) (sq-in)	8.19	4.75
Minimum TFA (post-activation) (sq-in)	10.06	6.5
Shear out pressure (psi)	2,000	
Working pressure (psi)	10,000	
Tensile capacity (klbs)	2,200	1,600
Torsional yield (kft-lbs)	109	73
Burst pressure (psi)	27,000	29,570
Collapse pressure (psi)	23,500	25,200