



# 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 at the top of 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

DURA DRILL FLOAT GENERAL SPECIFICATIONS		
Material	AISI 4145-H Modified – 120 min ksi	
Internal Connection (Box- Pin)	6⅝" FH	5½" FH
External Connections (Box-Pin)	6⅝" FH	5½" & 5⅞" 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