

# PRODUCT OVERVIEW

## INTERVENTION SLEEVE RANGE

### TRDHSV HOLD OPEN PROTECTION SLEEVES

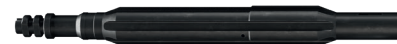
#### DROP LOCK SLEEVE C/W RANGE OF RUNNING TOOLS

- Run and retrieve on standard GS Pulling Tool
- Inline Running Tool / Pulling Tool  
Internal Lift Sub allows sleeve to be set and retrieved during single run
- Collapsible Running Tool  
Allows sleeve to be set, T/S run to TD and retrieved back through sleeve
- Designed to suit any nipple profile size and type
- Snap in Collet Fingers to securely hold in position
- Save time and risk by reducing runs in hole
- Designed to protect seal bores and hold flapper valve in open position
- Supplied with lifting clamp

TRDHSV SIZE	PROFILE SIZE	SLEEVE ID WHEN SET ON GS OR COLLAPSIBLE RUNNING TOOL	SLEEVE ID WHEN SET ON INLINE RUNNING TOOL / PULLING TOOL
4.500"	3.812"	3.125"	2.625" - 2.953"
5.500"	4.562"	3.937"	2.625" - 3.700"



GS Running/Pulling Tool



Inline Running/Pulling Tool



Collapsible Running Tool

#### SECURE LOCK SLEEVE

- Secure Lock Collet Fingers to securely hold in position
- Run and retrieved on a standard GS c/w check pull, Set Verification Sub (SVS)
- Designed to suit any nipple profile size and type
- Designed to protect seal bores and hold flapper valve in open position
- Supplied with lifting clamp

TRDHSV SIZE	PROFILE SIZE	SLEEVE ID
4.500"	3.812"	3.125"
5.500"	4.562"	3.937"



GS Running/Pulling Tool

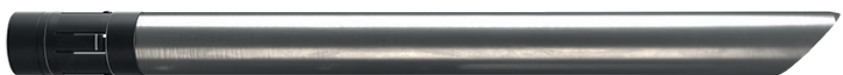
(SVS) Set Verification Sub



#### MAX ID SLEEVE

- Run and retrieved on Standard or Collapsible Running Tool
- Designed to suit any nipple profile size and type
- Snap in Collet Fingers to securely hold in position
- Save time and risk by reducing runs in hole
- Designed to protect seal bores and hold flapper valve in open position
- Supplied with lifting clamp

TRDHSV SIZE	PROFILE SIZE	SLEEVE ID
4.500"	3.812"	3.494"
5.500"	4.562"	4.244"



Standard Running/Pulling Tool



Inline Collapsible Running Tool



#### INLINE COLLAPSIBLE RUNNING TOOL

- P&A Operations - reduce risk, time and cost by reducing runs in well
- Maximum through bore allows access for 4.200" OD Bridge Plug / Composite Plug

- The Collapsible Running Tool option allows for the DHSV Sleeve to be set and the 4.200" OD Running Tool Extension to become a simulated bridge plug / composite plug drift that can continue in well to plug setting target depth. During POOH, sleeve remains set across DHSV

# PRODUCT OVERVIEW

## INTERVENTION SLEEVE RANGE

### E-SLEEVE

- Run and retrieved on E-Line
- Designed to suit any nipple profile size and type
- Eliminates requirement for Slickline rig up to set sleeve
- Mechanically set and retrieved
- Snap in Collet Fingers to securely hold in position
- Save time and risk by reducing runs in hole
- Designed to protect seal bores and hold flapper valve in open position
- Supplied with lifting clamp

DHSV SIZE	PROFILE SIZE	SLEEVE ID
4.500"	3.812"	To suit operational requirement
5.500"	4.562"	To suit operational requirement



## TUBING HANGER, DHSV & SSD ISOLATION SLEEVES

### ISOLATION SLEEVE C/W LOCK MANDREL

- Run on specialised Running Tool / Retrieved with standard GS
- Designed to suit any nipple profile size and type
- Available with a range of seals to suit seal bore requirements (V-Packings, D-Seals, Swellables)
- Manufactured in a range of materials to suit well conditions
- Pressure rating to suit operational requirements
- Through bore ID to suit operational requirements
- Available for DHSV or Injection Valve Pack-Off



### SECURE LOCK ISOLATION SLEEVE

- Run and retrieved on a standard GS c/w Set Verification Sub (SVS)
- Designed to suit any nipple profile size and type
- Available with a range of seals to suit seal bore requirements (V-Packings, D-Seals, Swellables)
- Manufactured in a range of materials to suit well conditions
- Pressure rating to suit operational requirements
- Through bore ID to suit operational requirements



### GET IN TOUCH