

DUAL SLEEVE AUTOFILL SUB

Tredwell

Our Dual Sleeve Autofill Sub (DSA) is currently the most popular option among Malaysian customers.

When running in a hole, the DSA runs above a barrier plug to allow the tubing to fill automatically. With a simple design that prevents fluid flow from tubing to casing, users can test their tubing multiple times as long as the shear pressure of the lockout piston is not exceeded.

Closed Position

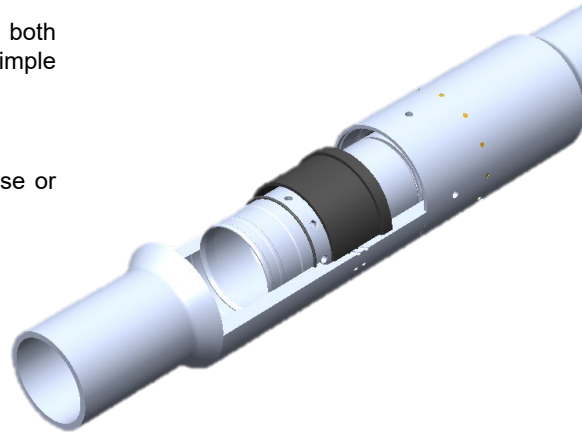
Once shear pressure exceeded the shear screw rating then both sleeves will move down and the bottom sleeve will lock with a simple interference inside the bottom sub profile.

Secondary Position

Bottom sleeve fish neck provide user with additional option to close or open the SFC by using B shifting tool.

Features & Benefits

- Simple design
- Prevents fluid flow from tubing to casing
- Eliminate manual fill from surface
- Good performance in debris-laden fluid and gas well
- Open and close option by B shifting tool
- Tested to V1



Technical Specifications

Size	287-244	350-296	450-393	550-487	700-625
OD (in) (mm)	4.40 (111.76)	4.90 (124.46)	6.30 (160.02)	7.6 (193.04)	9.6 (243.84)
ID (in) (mm)	2.441 (62.00)	2.963 (75.26)	3.936 (99.97)	4.879 (123.92)	6.252 (158.80)
Connection Top x Bottom	2.875 IN 6.40 PREMIUM THREAD BOX X PIN	3.500 IN 9.20 PREMIUM THREAD BOX X PIN	4.500 IN 12.60 PREMIUM THREAD BOX X PIN	5.500 IN 17.00 PREMIUM THREAD BOX X PIN	7.00 IN 26.00 PREMIUM THREAD BOX X PIN
Material	13CR80/L80/9CR1MO				
Pressure Rating (psi) (MPa)	5,000 (34.47)				
Leakage Rate	Up to Zero Bubble + Temp Cycle				
Maximum Temperature (°F)	350	350	350	350	350

TREDWELL SDN BHD

Formerly known as

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