

Dual Acting Flow Activated Shifting Tool



- 10,000 PSI rated
- Shift up and down in the same run
- Standard 'B' key profiles

DESCRIPTION

The Pragma Coiled Tubing Dual Acting Shifting Tool is a normally retracted hydraulic action tool used to position the closing sleeve of most Sliding Side Doors to the open position or to the closed position. Both can be achieved in the same run.

Normally retracted, the spring-loaded shifting keys are shaped to match a profile within the closing sleeve. The keys are expanded by increasing Coiled Tubing flow pressure to operate a piston which disengages a retractor sleeve from the shifting keys.

Typically, these expanded keys are self-releasing so that when the closing sleeve is fully up or down, they will disengage from the sleeve profile allowing the shifting tool to pass through.

The Pragma Coiled Tubing Single Acting Shifting Tool is also available as a single action tool with key sets facing up and down. Both types are available to suit most sizes of sliding sleeves. The table below lists some of the most popular sizes to suit standard 'B' profiles.



FEATURES & BENEFITS

- Can shift down and shift up in the same run.
- Run in hole with keys retracted.
- Includes safety shear release mechanism
- Can be supplied with selective self-releasing keys (standard) or with positive keys.
- Suits standard B Profile can be designed to suit most
- other types of profile
- Single Acting shifting tools are available.

Part Number	SSD Size	Keys Retracted OD	Keys Expanded OD	Thread
DFAST188AA08	1.875"	1.84"	2.07"	1.00 AMMT
DFAST213AA09	2.125"	2.10"	2.35"	1.50 AMMT
DFAST231AA09	2.313"	2.29"	2.59"	1.50 AMMT
DFAST256AA09	2.562"	2.53"	2.84"	1.50 AMMT
DFAST275AA09	2.750"/2.812"	2.72"	2.99"	1.50 AMMT
DFAST313AA09	3.125"	3.10"	3.48"	1.50 AMMT
DFAST331AA09	3.313"	3.29"	3.61"	1.50 AMMT
DFAST343AA23	3.437"	3.40"	4.04"	2.38 PAC
DFAST369AA23	3.688"	3.66"	4.13"	2.38 PAC
DFAST381AA23	3.813"	3.78"	4.09"	2.38 PAC
DFAST431AA23	4.313"	4.29"	4.83"	2.38 PAC
DFAST456AA23	4.562"	4.52"	5.00"	2.38 PAC

We offer optional equipment, alternative sizes, pressure ratings, materials and thread connections.

Please contact us for more information.

