



## Oil Tools

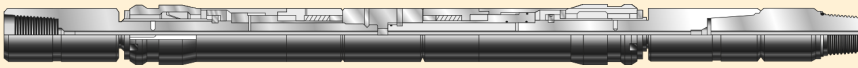
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## DOUBLE ENDED SELECTIVE SHIFTING TOOLS



The Double Ended Selective Shifting Tool (DESST) has been designed specifically to selectively shift PCE, Otis, Camco, Baker sliding sleeves (SSD's) in horizontal well bores.

The DESST shifting keys are normally retracted during the running operation and are hydraulically flow activated to the open shift position by increasing surface pump volume and therefore, pressure at the downhole location of the DESST and SSD.

The DESST can selectively open or close multiple SSD's in a single coiled tubing trip.

### Design Features/Benefits:

- ▶ Flow activated (No drop balls required).
- ▶ Dual action for opening or closing sliding sleeves.
- ▶ Positive or selective key options.
- ▶ Optional external fish neck.

SERVA Specification Guide Double Ended Selective Shifting Tool

| SSD Size (in) | Min ID (in) | Thread    | Part Number |
|---------------|-------------|-----------|-------------|
| 2.313         | 0.390       | 1.5" AMMT | 2184231422  |

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