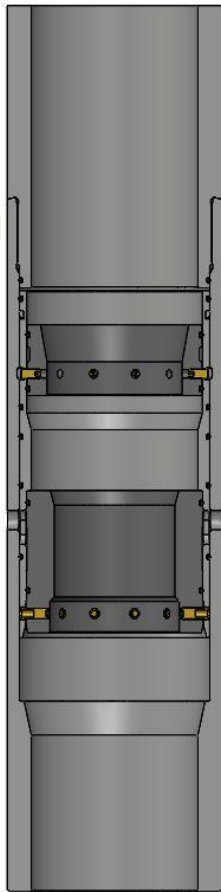




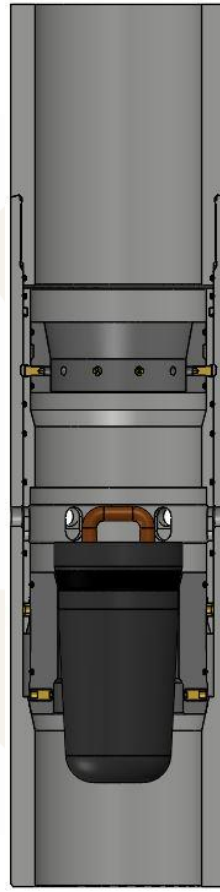
MECHANICAL STAGE TOOL

Model S8100 with Opening Cone and Casing Plug Sets

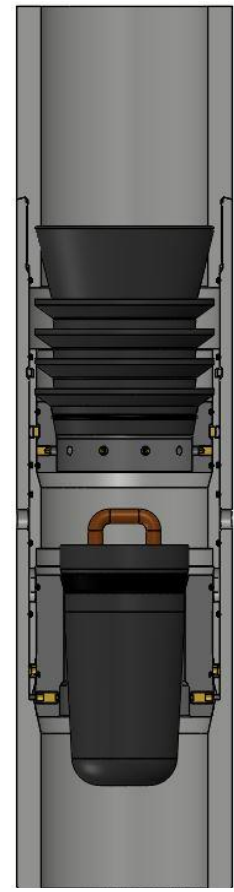
MECHANICAL OPERATIONAL SEQUENCE



Running Position



Ports Open



Ports Closed



MECHANICAL STAGE TOOL

Model S8100 with Casing Plug Sets

SPECIFICATIONS

Mechanical Stage Tool												
Size in (mm)	Weight Range lb/ft (kg/m)	OD in (mm)	Maximum Drillout ID in (mm)	Seat ID		L80			P110			Max Temp. ° F (° C)
				Opening in (mm)	Closing in (mm)	Burst psi (bar)	Collapse psi (bar)	Tensile 1,000 lb (1,000 kg)	Burst psi (bar)	Collapse psi (bar)	Tensile 1,000 lb (1,000 kg)	
9-5/8 (244.5)	32.30 - 40.00 (48.1 - 59.5)	11.125 (282.6)	8.855 (224.9)	6.250 (158.8)	7.000 (177.8)	7,680 (529.5)	6,460 (445.4)	1,244 (564.3)	10,560 (728.1)	7,790 (537.1)	1,710 (775.6)	400 (204)
	43.50 - 53.50 (64.7 - 79.6)		8.609 (218.7)			9,680 (664.4)	9,100 (627.4)		13,310 (917.7)	12,160 (838.4)		
8-5/8 (219.1)	24.00 - 36.00 (35.7 - 53.6)	10.125 (257.2)	7.982 (202.7)	5.750 (146.1)	6.500 (165.1)	7,820 (539.2)	6,680 (473.0)	827 (375.1)	11,282 (777.9)	10,232 (705.5)	1,335 (605.5)	400 (204)
	40.00 - 44.00 (59.5 - 65.5)		7.645 (194.2)			9,650 (665.3)	9,070 (625.4)		11,290 (778.4)	10,239 (706.0)		

*All ratings exclude casing connections

*All ratings shown are representative of the tool in the closed position

*Temperature rating is limited by seal material