

## ABANDONMENT VALVE (STORM VALVE)

The Abandonment Valve provides a means for temporarily abandoning a well without tripping out a workstring. This valve is run in conjunction with a heavy-duty service packer. The Abandonment Valve and packer are designed to allow heavy loads to hang through them and thus allowing a workstring to hang below during abandonment. The most common use of the Abandonment Valve and packer combination is offshore for storm abandonment, but can also be used for working on BOP's during drilling without tripping the drill string out. This valve uses a colleted sliding valve (lower collet) that is opened and closed by the disconnect and reconnect operations. The valve is designed so that the flow slots in the valve line up with the flow slots in the valve case to allow for higher circulation rates without damaging the valve.

This valve uses a colleted latch that has a left-hand buttress thread allowing easy insertion of the latch while providing a strong connection. The colleted latch is supported during loading to ensure the latch threads stay completely engaged. All external threads are locked with set screws to ensure against backing off during packer setting.

TOOLS SIZE	TOOL O.D.	THREAD CONNECTION
3 5/8	3.6	2 3/8 IF top and bottom
5 1/8	5.125	3 1/2 IF top and bottom
6 1/4	6.25	4 1/2 IF top and bottom

CASING SIZE (INCHES)	CENTRALIZER OD (INCHES)
7	5.75
9 5/8	8.13
10 3/4	9.25
11 3/4	10.25
13 3/8	11.63
18 5/8	16.75

