

FLOW ACTIVATED ALLIGATOR GRAB



TOOL APPLICATIONS

Flow Activated Alligator Grab is designed to retrieve damaged or broken objects from within the well bore. Increasing the flow to a predetermined rate allows the jaws to open, reducing pump rate allows the two opposing jaws of the Alligator Grab to snap closed & clamp tightly onto any object caught between them.

The jaws of the Alligator Grab are serrated to prevent objects from slipping free once the Jaws are closed. The grip of the jaws can be varied by adjusting the spring tension prior to running in the hole, the activation flow rate can also be altered by replacing interchangeable orifice inserts in a range of internal diameters.

FEATURES AND BENEFITS

- Fully adjustable jaw tension for optimal grip force
- Flow activated jaws operated by pumping rate
- Serrated jaws to improve grip
- Available in a range of sizes for various operational applications
- Connection options to suit customer requirements
- Simple, robust design ensuring ease of operation for the end user
- Hexagonal flats for safe make-up & break-out

SPECIFICATIONS

Technical Variable		Units	Size		
			1 11/16"	2 1/8"	2 7/8"
Max OD		in	1,687	2,125	2,875
Min ID		in	-	1,580	-
Top		Box	1,000 AMMT	1,500 AMMT	2 3/8" PAC DSI
Make Up Length		in	23.47	24.83	27.60
Weight		lbs	19.22	31.20	29.65
Activation Pressure	Min	in	338	386	296
	Max	in	687	679	593
Working Pressure		psi	5,000	5,000	5,000
Strength	SWL	lbs	10,530	16,200	26,325
	Yield	lbs	11,700	18,000	29,250
	UTS	lbs	12,699	19,380	31,500
	Torsional	ft.lbs	160	506	-
Make Up Torque		ft.lbs	458	870	2,200