

FLOW RELEASE GS PULLING TOOL



TOOL APPLICATIONS

The Flow Release GS Pulling Tool provides a reliable method of attaching to and retrieving tools with an internal "GS" type fish neck.

To latch into a fish neck, run the tool in hole above the fish, start circulating and set down to stab into the GS profile. Stop circulating to return to the latched position, before Pulling

Out of Hole (POOH) to retrieve the Bottom Hole Assembly (BHA) to surface.

To release the tool from the fish neck, weight is set down on the BHA and circulation is initiated. Flow through the tool creates back pressure which acts on an internal piston, causing the collet to retract to release position.

The tool nozzle orifice is interchangeable, so that the release (activation) pressure can be attained at the desired flow rate. Common drift sizes for 2 7/8", 3 1/2", 4 1/2", 5 1/2" and 7" Completions.

FEATURES AND BENEFITS

- No shear pin required offering unlimited tool functions
- Supplied in industry standard GS OD's
- Threaded core to suit industry standard running / pulling accessories
- Simplistic, ergonomic design for rapid redress
- "J" Slot feature for simple release at surface
- Simple, robust design ensuring ease of operation for the end user
- Hexagonal flats for safe make-up & break-out
- Interchangeable orifice nozzles available

SPECIFICATIONS

Technical Variable	Units	Size						
		1 1/2" GS	2" GS	2" GS	2 1/2" GS	3" GS	3"GS	
Max OD	in	1.687	1.750	2.125	2.180	2.720	2.875	
Min ID (exc Orifice)	in	0.250	-	0.250	0.312	0.312	0.500	
Connection	Top	Box	1" AMMT	1" AMMT	1 1/2" AMMT	1 1/2" AMMT	2 3/8" PAC DSI	
Make Up Length	in	13.10	14.17	14.30	13.85	15.15	16.48	
Fishing Profile	internal	1.08"	1.38"	1.38"	1.81	2.31	2.31	
Nominal Fishing Profile	internal	1.5" GS	2" GS	2" GS	2 1/2" GS	3" GS	3" GS	
Activation Pressure	psi	551	266	390	250	262	260	
Working Pressure	psi	5,000	10,000	10,000	10,000	10,000	10,000	
Strength	SWL	lbs	17,320	45,040	45,730	54,870	91,040	123,200
	Yield	lbs	19,240	50,050	50,810	60,970	101,160	136,890
	UTS	lbs	20,270	53,900	54,720	65,660	108,890	147,420
Make Up Torque	ft.lbs	500	500	871	900	900	2,979	
Nozzle Sizes	in	blank, 0.125", 0.187" and 0.218"			blank, 0.125", 0.187", 0.218", 0.250" and 0.281"			

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Technical Variable	Units	Size				
		4"	5"	6"	7"	
Max OD	in	3.610	4.500	5.560	5.830	
Min ID (exc Orifice)	in	0.500	0.500	0.500	0.500	
Connection	Top	Box	2 3/8" PAC DSI			
Make Up Length	in	16.10	20.00	17.87	17.75	
Fishing Profile	internal	3.12"	4"	4.75	5.25/ 5.38	
Nominal Fishing Profile	internal	4" GS	5" GS	6" GS	7" GS	
Activation Pressure	psi	320	400	350	350	
Working Pressure	psi	10,000	10,000	5,000	5,000	
Strength	SWL	lbs	136,320	166,570	166,570	166,570
	Yield	lbs	151,470	185,080	185,080	185,080
	UTS	lbs	185,890	227,140	227,140	227,140
Make Up Torque	ft.lbs	2,979	2,979	2,979	3,250	
Nozzle Sizes	in					