



Underreamer / Anchor / Centralizer (Two-Stage) Thru-Tubing | Intervention

Features

- Available in sizes 1-11/16" to 4-3/4"
- Rugged offset blade design
- Pressure operated
- Multiple blade designs and cutting surfaces available

Benefits

- Bodies can be used as an underreamer, anchor, or centralizer
- Field redressable blades and orifice
- Can be run with CT motors, standard rotary, or power swivels
- Customizable to customer requirements

The Hailey Underreamer has a proven record of success since its release in 1987 in both onshore and offshore applications. No centralizer is necessary due to its offset design. Each tool is completely disassembled and reinspected after every rental. Blades can be made to customer requirements. Additional stages can be added for greater reach.



Tool OD (in.)	1.70	2.125	2.25	2.50	2.875	3.50	4.75
Tool Weight (lbs)	23	33	39	45	62	110	325
Tool Joint Connections	1" MT	1-1/2" MT	1-1/2" MT	1-1/2" MT	2 3/8" PAC	2-3/8" Reg	3-1/2" Reg
Overall Length (in.)	33.250	42.500	42.500	40.875	50.625	55.625	63.875
Max ΔP (PSI)	1,500	2,250	2,250	2,250	2,250	2,550	3,500
Tensile Yield strength (lbf)	53,000	83,000	83,000	83,000	100,000	150,000	200,000
Torsional Yield Strength (ft-lbf)	750	750	750	750	3000	3300	3500
Max Torque (lbf)	1250	1,770	1,770	1,770	2,250	2,250	2500
Max Standard Reach (in.)	4.00	4.875	5.00	6.125	8.50	9.00	12.00
Max Descaling Reach (in.)	4.50	6.125	6.125	6.50	9.00	9.00	15.00

Minimum Makeup Torque (ft-lbf)	1.70	2.125	2.25	2.50	2.875	3.50	4.75
Top Sub to Upper Body	550	825	825	825	1750	1750	7500
Upper Body to Middle Sub	350	525	525	525	1250	1250	7500
Middle Sub to Lower Body	550	825	825	825	1750	1750	7500
Lower Body to Bottom Sub	350	525	525	525	1250	1250	7500

*NOTE: All yield figures are estimated.

IF WE DON'T HAVE IT,
...WE CAN MAKE IT!