



The Hi-Pro Drift Sub



The Hi-Pro Drift Sub is ideally suited to remove residual drilling fluid, scale, cement, perforation burrs and other foreign material from ID casing.

The tool provides 360° cover and can be deployed during drilling, wellbore clean up and pre-completion running operations. Designed to run in conjunction with the Hi-Pro (Non-Rotating) casing scraper ahead of

the drift sub, the device eliminates debris while running in hole and reciprocating the string, delivering significant operational efficiencies.

The Hi-Pro Drift Sub ensures the casing is drifted to API or non-standard sizes depending on customer requirement.

BENEFITS

- Compatible with all standard clean-up tools with large inner bore
- Non-rotating 360° coverage and self-centralising stabilisers
- High fluid by-pass to allow fluid and debris to flow past Drift Sub body
- Available for API/non-standard casing sizes



SPECIFICATIONS

	4 1/2 in	5 1/2in	7in	9 5/8in	13 3/8 in
Casing Weight	9.5# – 15.1#	17–23#	23# – 35#	36# – 58.4#	61#-86#
Casing Drift	3.965 in – 3.701 in	4.767 in – 4.545 in	6.241 in – 6.004 in	8.765 in – 8.279 in	12.359 in-11.969 in
Max Hard OD	3.965 in – 3.701 in	4.767 in – 4.545 in	6.241 in – 6.004 in	8.765 in – 8.279 in	12.359 in-11.969 in
Body ID	1.000 in	1.00 in	2.250 in	3.000 in	3.000 in
Overall Length	57.000 in	57.000 in	86.250 in	98.500 in	72.000 in
Fishing Neck Length	18.000 in	18.000 in	18.000 in	24.000 in	24.000 in
Fishing Neck OD	3.125 in	3.125 in	4.750 in	6.500 in	6.500 in
Tool Connection Specifications					
Rig Connection Type	2 7/8 in HT PAC	2 7/8 in HT PAC	NC38	NC50	NC50
Torsional Yield Strength (ft/lbs)	8,500	8,500	11,800	51,700	51,700
Make-Up Torque (ft-lbs)	5,100	5,100	9,100	27,000	27,000
Tensile Strength (lbs)	214,200	214,200	580,000	944,000	944,000
Max Run Speed (ft/min)	60	60	60	60	60
Max Rotating Speed (rpm)	30	30	120	120	120
Max Compression when Rotating (lbs)	5,000	5,000	30,000	40,000	40,000
Max Pressure Test (psi)	10,000	10,000	10,000	10,000	10,000
Internal TFA (in²)	0.78	0.78	3.98	7.07	7.07
External TFA (in²)	1.95 Max. 0.78 Min.	1.95 Max. 0.78 Min.	7.95 Max. 3.98 Min.	14.14 Max. 7.07 Min.	17.67 Max. 7.07 Min.

Other sizes available on request.