

Casing Scraper

The NOV Casing Scraper is designed to remove scale and debris on the inside casing wall to provide a smooth clean casing I.D. The Casing Scraper features a one-piece body with full 360-degree casing I.D. coverage provided by six spring load scraper blades. The design also features a large by-pass area around and between the blades to allow circulation for washing debris.

Each blade is secured in its own individual pocket to ensure all thrust and rotational forces are absorbed by the one-piece body. The Casing Scraper features leaf type Inconel springs behind each self-sharpening blade, providing maximum usage before repairs or replacement is necessary.

API Regular pin up, box down standard. Premium connection available on request.

Features

- One piece body.
- Standard API Regular box down, pin up connections.
- Six blade, 360 degree casing I.D. coverage

Benefits

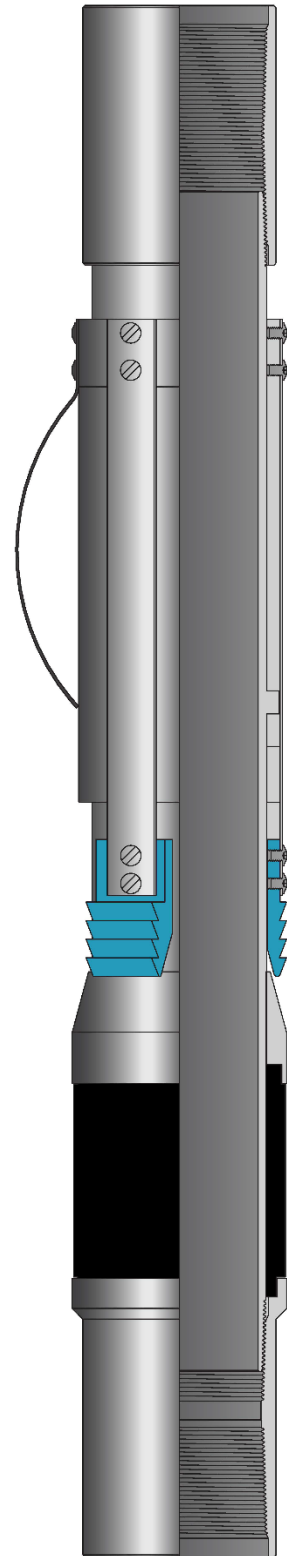
- Clean, smooth casing I.D. for running and setting packers and other completion equipment.
- Large by-pass around O.D. of tool allows high circulation rate for removal of debris.

Applications

- Casing clean-up before running completion equipment.
- Run after cement squeeze to remove cement debris from casing wall I.D.

Operation

The Casing Scraper may be run on tubing or drill pipe, reciprocated vertically or rotated. Normally, rotation is not necessary unless restrictions are encountered. In areas where packers or other tools are to be set, the scraper should be reciprocated through several times to ensure the casing is clean and smooth.



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Technical Data

CASING		CASING SCRAPER			
Size in. (mm)	Weight Range lbf (kgm)	Blade Diameter		Thread Connection	Product Number
		Collapsed in. (mm)	Extended in. (mm)		
2.875 73,03	6.40 - 8.60 9.52 - 12,80	2.250 57,15	2.650 67,31	1.000" LPT	10-010-0250
3.500 88,90	9.2 - 12.7 13,69 - 18,90	2.630 66,80	2.970 75,44	1.000" LPT	10-010-0351
	9.2 - 12.7 13,69 - 18,90	2.620 66,55	3.400 86,36	1.000" LPT	10-010-0350
4.000 101,60	9.5 - 12.6 14,14 - 18,75	3.270 83,06	3.590 91,19	1.000" LPT	10-010-0400
4.500 114,30	6.75 - 16.60 10,04 - 24,70	3.620 91,95	4.400 111,76	2.375" API REG	10-010-0450
5.000 127,00	8.0 - 21.0 11,90 - 31,25	4.000 101,60	4.800 121,92	2.375" API REG	10-010-0500
5.500 139,70	9.0 - 23.0 13,39 - 34,22	4.450 113,03	5.400 137,16	2.875" API REG	10-010-0550
5.750 146,05	17.0 - 19.5 25,30 - 29,02	4.730 120,14	5.680 144,27	2.875" API REG	10-010-0600
6.625 168,28	12.0 - 34.0 17,86 - 50,59	5.380 136,65	6.340 161,04	3.500" API REG	10-010-0650
7.000 17,80	13.0 - 40.0 19,34 - 59,52	5.690 144,53	6.740 171,20	3.500" API REG	10-010-0700
7.625 193,68	20.0 - 39.0 29,76 - 58,03	6.250 158,75	7.260 184,40	3.500" API REG	10-010-0750
8.625 219,08	20.0 - 49.0 29,76 - 72,91	7.260 184,40	8.010 203,45	4.500" API REG	10-010-0850
9.625 244,48	32.3 - 58.4 48,06 - 86,90	8.260 209,80	9.270 235,46	4.500" API REG	10-010-0950
10.750 273,05	32.75 - 65.7 48,73 - 97,76	9.260 235,20	10.260 260,60	4.500" API REG	10-010-1075
11.750 298,45	42.0 - 71.0 62,50 - 105,65	10.250 260,35	11.250 285,75	4.500" API REG	10-010-1175
13.375 339,73	48.0 - 72.0 71,42 - 107,14	11.750 298,45	12.750 323,85	4.500" API REG	10-010-1338