

The Casing Scraper is a spring type, mechanical casing scraper, featuring a large by-pass area between the blades to allow circulation of debris. The body is constructed of the highest quality steel, with individual self-sharpening blades using Inconel springs. This scraper removes mill scale, burrs, cement sheath, mud cake and any foreign matter from the inside wall of the casing. The process provides a smooth, clean surface for the effective sealing of production packers and test tools. The Casing Scraper operates well when reciprocated vertically. 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 this area two or three times to ensure the casing wall is clean and smooth.

Features

- One-piece alloy steel body
- Full 360° coverage of casing wall
- Large by-pass area between the blades for circulation
- Corrosion resistant leaf springs ensure consistent blade tension
- All thrust and rotational loads are carried by the scraper body and not by the retaining screws
- Tough alloy self-sharpening steel blades are designed for extra-long wear
- Scrapers have an API Reg Box Down for installation above drill bits

Casing Scraper						
Size	Weight Range	I.D. Range		Blade Diameter		Thread Connection
		Min	Max	Collapsed	Extended	
in	lb/ft	in	in	in	in	
4-1/2	9.5 - 13.5	3.91	4.09	3.62	4.42	2-3/8 EUE Box Up 2-3/8 Reg Box Down
5	11.5 - 18	4.276	4.560	4.00	4.80	
5-1/2	13 - 26	4.548	5.044	4.5	5.28	2-7/8 EUE Box Up 2-7/8 Reg Box Down
6-5/8	17 - 34	5.595	6.135	5.38	6.34	3-1/2 EUE Box Up 3-1/2 Reg Box Down
7	17 - 38	5.920	6.538	5.71	6.72	
7-5/8	20 - 39	6.625	7.125	6.25	7.26	
8-5/8	20 - 49	7.511	8.191	7.25	8.41	4-1/2 API Reg Box Down Pin Up
9-5/8	29.3 - 53.5	8.535	9.063	8.20	9.29	
10-3/4	32.8 - 65.7	9.560	10.192	9.20	10.53	
mm	mm	mm	mm	mm	mm	
114.3	14.1 - 20.1	99.3	103.8	91.9	112.2	2-3/8 EUE Box Up 2-3/8 Reg Box Down
127	17.1 - 26.8	108.6	115.8	101.6	121.9	
139.7	19.3 - 38.7	115.5	128.1	114.3	134.1	2-7/8 EUE Box Up 2-7/8 Reg Box Down
168.3	25.3 - 50.5	142.1	155.8	136.6	161.0	3-1/2 EUE Box Up 3-1/2 Reg Box Down
177.8	25.3 - 56.5	150.4	166.1	145.0	170.6	
193.7	29.8 - 58.0	168.3	180.9	158.7	184.4	
219.1	29.8 - 72.9	190.8	208.0	184.1	213.6	4-1/2 API Reg Box Down Pin Up
244.5	43.6 - 79.6	216.8	230.2	208.2	235.9	
273	48.8 - 97.7	242.8	258.9	233.6	267.4	

