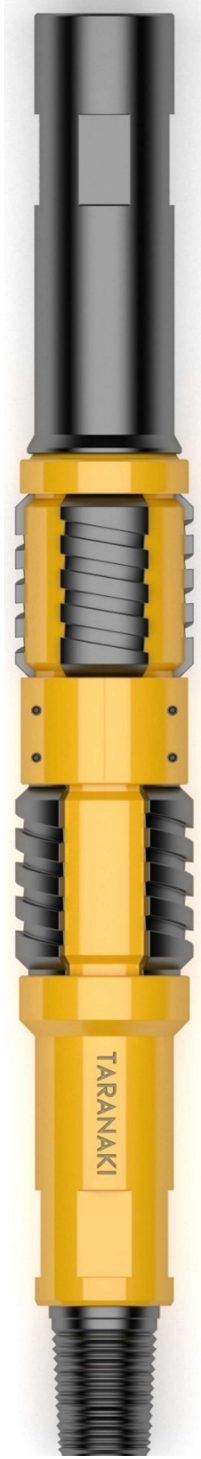


CASING SCRAPER – FULL CIRCLE



TOOL APPLICATIONS

Obstruction-free casing is critical for the efficient operation of many downhole tools during drilling, fishing, completion, or wireline jobs. The Casing Scraper removes rust, scale, cement, mud, bullets, paraffin, perforation burrs and other obstructions or foreign material from the inside walls of casing.

Casing Scrapers are available to condition pipe ranging from 4-1/2 to 7 inches O.D.

Maintaining a clean casing I.D. is important when operating drilling, fishing or wireline tools. Likewise, packers, patches, spears, and similar tools require clean surfaces to grip. Obstructions on casing walls frequently cause these tools to fail or become difficult to operate.

FEATURES AND BENEFITS

- Clean out paraffin, hardened cement, and mud.
- Remove burrs from perforations.
- Remove imbedded bullets from casing.
- Remove burrs and nicks caused by bits or fishing tools.
- Remove tight spots in casing caused by dents from tool mishandling

SPECIFICATIONS

Technical Variable		Units	Casing OD			
			4-1/2"	5"	5-1/2"	5-3/4"
Collapsed		in	3.975	4.151	4.545	4.960
Extended		in	4.280	4.636	5.233	5.648
Connection	Top	Pin	2-3/8" PAC DSI		2-3/8" PAC	
	Bottom	Box	2-3/8" PAC DSI		2-3/8" PAC	

Technical Variable		Units	Casing OD	
			6-5/8"	7"
Collapsed		in	5.550	5.795
Extended		in	6.293	6.538
Connection	Top	Pin	TBA	
	Bottom	Box	TBA	