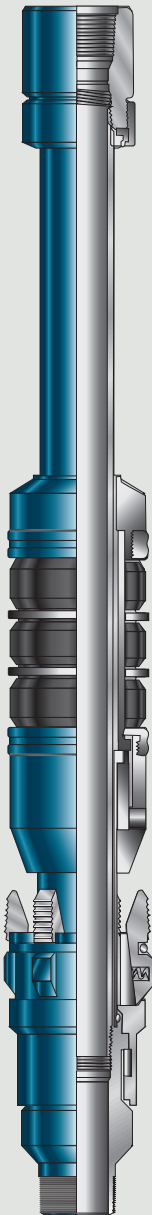


WELL COMPLETION TOOLS



HT CO₂ H₂S



SMR-S SINGLE GRIP RETRIEVABLE PACKER

Model SMR-S Single Grip Retrievable Casing Packers are used in production as a convention long stroke Packer. They feature a proven three element packing system and a large by-pass area through the Packer. They are available for 4" through 9 5/8" casing.

Features:

- Sets securely in any hardness casing, including premium grades
- Three-pieces packing element system
- Large by-pass area
- Surface controlled combination bypass and equalizing valve
- Rocker type Slips
- Parts are interchangeable with other manufacturers

SPECIFICATIONS

Part number	Casing OD (in)	Casing Wt (lbs/ft)	Setting range		Tool OD (in)	Tool ID (in)	connection thread
			Min(in)	Max(in)			
D46-0400-100	4	9.5-11.6	3.428	3.546	3.303	1.5	2 3/8" EU
D46-0450-101	4 1/2	15.1	3.754	3.826	3.62	1.95	
D46-0450-100		9.5-13.5	3.91	4.09	3.771		
D46-0500-200	5	15-18	4.25	4.408	4.125	1.969	
D46-0500-300		11.5-15 26	4.408	4.56	4.25		
D46-0550-120	5 1/2	20-23	4.625	4.778	4.5	1.969	
D46-0550-140		15.5-20 13-15.5	4.778	4.95	4.641		
D46-0550-200	5 3/4	22.5	4.95	5.19	4.781	1.969	
D46-0550-300	6	20-23	5.191	5.39	5.062		
D46-0550-400		15-18	5.391	5.56	5.156		
D46-0550-520	6 5/8	34	5.561	5.609	5.406		
D46-0550-540		28-32	5.61	5.791	5.484		
D46-0550-560		24-28	5.791	5.921	5.484		
D46-1550-120		20-23	4.625	4.777	4.5		
D46-1550-140	5 1/2	17-20	4.778	4.892	4.641		2.375
D46-1550-200		13-15.5	4.893	5.044	4.781		
D46-0662-120	6 5/8	28-32	5.6	5.791	5.475		2.375
D46-0662-140	6 5/8 7	24-28 38	5.791	5.921	5.588		
D46-0662-200	6 5/8 7	17-20 32-35	5.922	6.135	5.781	2.5	
D46-0700-120	6 5/8 7	24 38	5.83	5.937	5.656		
D46-0700-140	6 5/8	17-20	5.938	6.135	5.812		
D46-0700-220		32-35	6.136	6.276	5.968		
D46-0700-240	7	20-26	6.276	6.456	6.078		
D46-0700-320		17-20	6.456	6.578	6.266		
D46-0700-340	7 5/8	33.7-39	6.579	6.797	6.453		
D46-0700-420		24-29.7	6.798	7.025	6.672		
D46-0700-440		20-24	7.025	7.125	6.812		
D46-0862-120		8 5/8	44-49	7.511	7.687		7.312
D46-0862-140	32-40		7.688	7.921	7.531		
D46-0862-200	9 5/8	20-28	7.922	8.191	7.781	3.469	
D46-0962-120		47-53.5	8.343	8.681	8.218		
D46-0962-140		40-47	8.681	8.835	8.437		
D46-0962-200		29.3-36	8.836	9.063	8.593		