

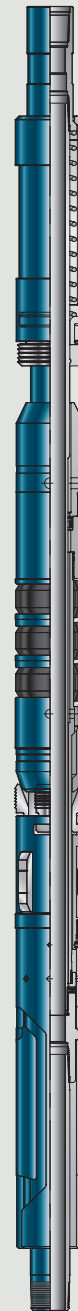
SMA MECHANICAL SET RETRIEVABLE PRODUCTION PACKERS

HT CO₂ H₂S

The Model SMA single string Mechanical Production Packer is a retrievable, double-grip compression or tension-set production packer that holds pressure from above or below. Once set, the tubing string can be left in tension, compression, or in a neutral position. A large internal bypass reduces the swabbing effect during run-in and retrieval, and closes when the packer is set. When the packer is released, the bypass opens first, allowing the pressure to equalize before the upper slips are pulled from the casing. The Model SMA also features an upper slip releasing system that reduces the force required to release the packer. A non-directional slip is released first, making it easier to release the other slips. These flexible features allow the SMA to be run in a variety of applications ranging from Production Packer to Bridge Plug to Service Packer.

Features:

- Internal bypass reduces swabbing
- Holds high pressure differentials from above or below
- Can be set using tension or compression
- Only one-quarter right rotation is required to set and release
- Tubing string can be held in tension, compression or neutral set while the packer remains engaged
- Optional shear release features available upon request
- Packing element options are available for hostile environments
- Bypass valve is below upper slips, so the debris is washed from slips when the valve is opened



SPECIFICATIONS

Part number	Casing OD	Casing Wt (lbs/ft)	Setting range		Tool OD (in)	Tool ID (in)	connection thread		
	(in)		Min(in)	Max(in)					
D42-0450-001	4 1/2	9.5-13.5	3.92	4.09	3.75	1.938	2 3/8"-8RD EU		
D42-0450-002		13.5-15.1	3.826	3.92	3.65				
D42-0500-001	5	18.0-20.8	4.156	4.276	4				
D42-0500-002		11.5-15.0	4.408	4.56	4.125				
D42-0550-001	5 1/2	20.0-23.0	4.67	4.778	4.5			2.375	2 7/8"-8RD EU
D42-0550-002		14.0-20.0	4.778	5.012	4.625				
D42-0550-006		20.0-23.0	4.67	4.778	4.5				
D42-0550-007		15.5-20.0	4.778	4.95	4.625				
D42-0700-004	7	26.0-32.0	6.094	6.276	5.875	2.5	3 1/2"-8RD EU		
D42-0700-005		17.0-26.0	6.276	6.538	6				
D42-0700-006		26.0-32.0	6.094	6.276	5.875	3			
D42-0700-007		17.0-26.0	6.276	6.538	6				
D42-0762-001	7 5/8	33.7-39	6.625	6.765	6.453	2.5	3 1/2"-8RD EU		
D42-0762-004		24-29.7	6.798	7.025	6.672				
D42-0762-002		33.7-39	6.625	6.765	6.453	3			
D42-0762-003		24-29.7	6.798	7.025	6.672				
D42-0962-001	9 5/8	43.5-53.5	8.535	8.755	8.250	4	4 1/2"-8RD EU		
D42-0962-002		32.3-43.5	8.755	9.001	8.500				