



The AR-10 Packer combines high performance with retrievability. This mechanical double-grip packer is designed for applications in which high differential pressures of up to 10,000 psi (69,000 kPa) are anticipated. This makes the AR-10 an ideal choice for use in completing wells that are to undergo hydraulic fracturing treatments, or for use with tubing conveyed perforating systems. The AR-10 is available in a wireline set version as well as the standard tubing set version.

Features

- **10,000 psi (69,000 kPa) pressure rating on most sizes which makes the AR-10 suitable for hydraulic fracturing and TCP applications.**
- **The packer both sets and releases with 1/3 turn right-hand rotation (at the packer).**
- **When set, the pack-off force is locked into the packer independent of tubing forces.**
- **Pressure differentials directly load the slips on the low-pressure side of the packer, which allows the packer to reliably hold high differential pressures.**
- **The AR-10 has the largest available through bore diameter, which allows for the easy passage of wireline devices through the packer.**
- **A pressure equalizing system allows for safe and easy releasing of the packer.**
- **The packer contains an integral secondary safety release, which may be activated by right-hand rotation if the packer cannot be released normally.**
- **The design allows the packer to be set shallow using tubing tension to fully set the packer.**
- **Reliable field proven three-element pack-off system.**

AR-10 Double-Grip Mechanical Packer									
Casing Size		Casing Weight		Packer O.D.		Packer I.D.		Connections	
in	mm	lbs/ft	kg/m	in	mm	in	mm	in	mm
4-1/2	114.3	9.5 - 13.5	14.1 - 20.1	3.75	95.3	1.93	49.2	2-3/8	60.3
5	127	11.5 - 13	17.1 - 19.3	4.25	108.0				
		15 - 18	22.3 - 26.8	4.12	104.8				
5-1/2	139.7	13 - 15.5	19.5 - 23.1	4.78	119.7	2.375	60.33	2-7/8	73.0
		15.5 - 20	23.1 - 25.3	4.64	117.9				
		20 - 23	29.8 - 34.2	4.5	114.3				
6-5/8	168.3	24 - 28	35.7 - 41.7	5.62	142.9	2.441	62.0		
		28 - 32	41.7 - 47.6	5.484	139.3				
7	177.8	20 - 26	29.8 - 38.7	6.08	154.4				
		26 - 29	38.7 - 43.1	5.97	151.6				
		32 - 35	47.6 - 52.17	5.81	147.6				
7-5/8	193.7	24 - 29.7	35.7 - 44.2	6.67	169.5	3.00	76.2	3-1/2	88.9
		33.7 - 39	50.1 - 58.0	6.45	163.9				
8-5/8	219.1	20 - 28	29.8 - 41.7	7.78	197.6				
		32 - 40	47.6 - 59.5	7.531	191.3				
		44 - 49	65.5 - 72.9	7.312	185.7				
9-5/8	244.5	29.3 - 36	43.6 - 53.6	8.593	218.3				
		40 - 47	59.5 - 69.9	8.437	214.3				
		47 - 53.5	69.9 - 79.6	8.218	208.7				