

# Retrievable Packers

## Snap Series (I,II) Packers

The Snap Series Packers are compression set tools which only require straight set down weight to pack off. They are generally run above another packer for selective production, treating or injection in multiple zone completions. They are also used to isolate casing holes or perforations.

The Snap I Packer is the basic packer of the series. This has upper or lower slips and should be used only where intermediate differential pressures are expected.

The Snap II Packer is a modification of Snap I Packer with the addition of upper hold down slips for use in applications where high differential pressure is expected from below the packer.

The Snap Series is designed with an internal latch which prevents the packers from presetting while running in the hole. The tools are keyed to allow tubing torque in either direction.

### Product Features

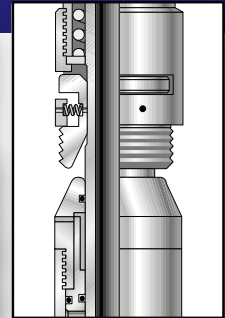
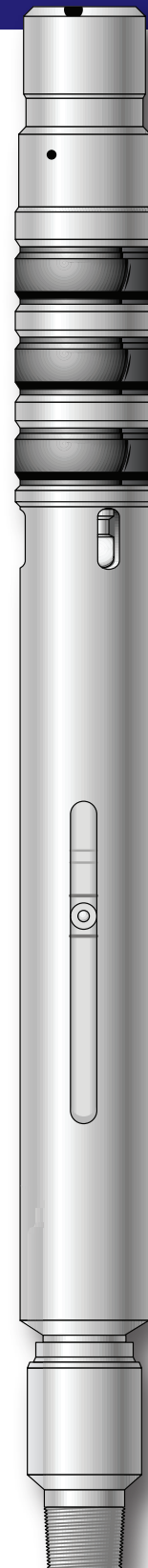
- Internal By-pass
- Equalizing Valve
- Internal latch to prevent presetting
- Pressure compensating piston on Snap II

### Specifications (Snap 1)

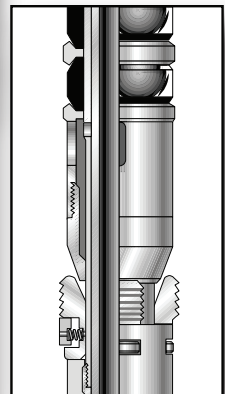
Casing Size	WT.	O.D. of Tool	Nominal Casing I.D. Range		Packer Bore (in)	Standard Thread Connection
			Min	Max		
3-1/2"	7.7 - 10.2	2.781	2.922	3.068	1.250	1.900 NU 10RD
4-1/2"	9.5 - 13.5	3.750	3.920	4.090	1.875	2.375 EU 8RD
5-1/2"	13.0 - 20.0	4.625	4.778	5.044	2.000	2.375 EU 8RD
5-1/2"	20.0 - 23.0	4.500	4.670	4.778	2.000	2.375 EU 8RD
5-1/2"	20.0 - 23.0	4.500	4.670	4.778	2.375	2.875 EU 8RD
5-1/2"	13.0 - 20.0	4.625	4.778	5.044	2.375	2.875 EU 8RD
7"	17.0 - 26.0	6.094	6.276	6.538	2.500	2.875 EU 8RD
7"	26.0 - 35.0	5.875	6.004	6.276	2.875	3.000 EU 8RD
9-5/8"	40.0 - 53.5	8.250	8.535	8.835	3.000	3.500 EU 8RD

(see more specification charts on next page)

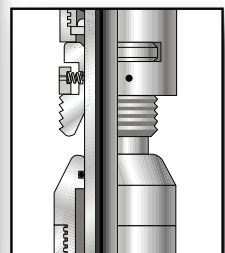
**Note:** Additional sizes available on request.



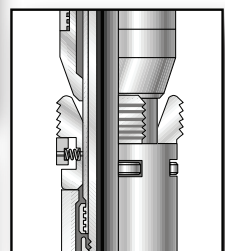
Snap II



Snap III



Snap IV



Snap IV



# Retrievable Packers

## Snap Series (I,II) Packers-Continued

### Specifications (Snap II)

Casing Size	WT.	O.D. of Tool	Nominal Casing I.D. Range		Packer Bore (in)	Standard Thread Connection
			Min	Max		
3-1/2"	7.7 - 10.2	2.781	2.922	3.068	1.260	1.900 NU 10RD
4-1/2"	9.5 - 13.5	3.750	3.920	4.090	1.937	2.375 EU 8RD
5-1/2"	13.0 - 20.0	4.625	4.778	5.044	2.000	2.375 EU 8RD
5-1/2"	20.0 - 23.0	4.500	4.670	4.778	2.000	2.375 EU 8RD
5-1/2"	20.0 - 23.0	4.500	4.670	4.778	2.375	2.875 EU 8RD
5-1/2"	13.0 - 20.0	4.625	4.778	5.044	2.375	2.875 EU 8RD
7"	17.0 - 26.0	6.000	6.276	6.538	2.500	2.875 EU 8RD / 3-1/2" EU 8RD
7"	26.0 - 35.0	5.875	6.004	6.276	2.500	2.875 EU 8RD / 3-1/2" EU 8RD
9-5/8"	40.0 - 53.5	8.250	8.535	8.835	3.000	3.500 EU 8RD

**Note:** Additional sizes available on request.

