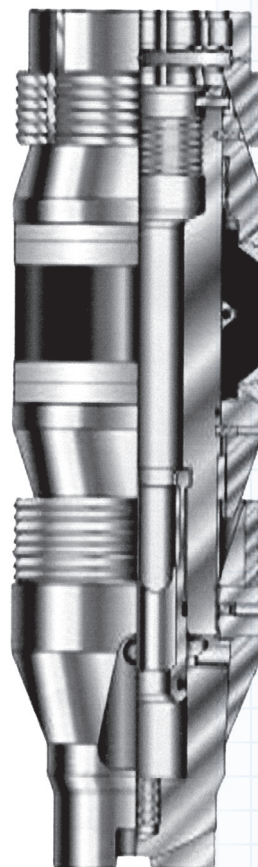


PCR Cement Retainer

The PCR Cement Retainer is a modular designed drillable cement retainer that is used for acidizing, fracturing or cementing operations.

Special Features

- Simple surface controlled valve
- Allows pressure testing before squeeze
- Valve automatically closes when the stinger is removed, locking in the squeeze pressure
- Valve protects sensitive zones in low fluid wells
- Simple conversion to bridge plug
- Specify mechanical or wireline set
- Components rotationally locked for easy drillout



Specification Guide

O.D.	Casing			Tool O.D.	Base Product Number
	Weight lb/ft	Min I.D.	Max I.D.		
4½	9.5 - 15.1	3.826	4.090	3.593	43PCR
5	11.5 - 18.0	4.276	4.560	3.937	44PCR
5½	13.0 - 23.0	4.670	5.044	4.312	45PCR
6¾	17.0 - 34.5	5.575	6.135	5.375	46PCR
7	32.0 - 44.0	5.720	6.094	5.375	47PCR
7	17.0 - 35.0	6.004	6.538	5.688	47PCR
7¾	20.0 - 39.0	6.625	7.125	6.312	48PCR
8¾	24.0 - 52.0	7.435	8.097	7.125	49PCR
9¾	29.3 - 61.1	8.375	9.063	8.125	51PCR
10¾	32.75 - 60.7	9.660	10.192	9.437	53PCR
11¾	38.0 - 60.0	10.772	11.150	10.437	54PCR
13¾	48.0 - 72.0	12.347	12.715	12.000	55PCR
16	65.0 - 128.0	14.438	15.250	14.125	57PCR