

Description

CR-10 Cement Retainer

A Cement Retainer is a tool used to contain and squeeze cementing. By using a Seal Assembly ran on Tubing, the internal sleeve valve is controlled from the surface by simply picking up (close) and setting down (open).

The CR-10 Cement Retainer is a compact tool that can be converted from a mechanical set to a Wireline set retainer or can be modified to run as a high-pressure bridge plug.

The cement retainer is designed for quick and easy drill up and is ideal for deep, hot, high risk or prolonged cement squeeze jobs



Features

Can be modified to set mechanically or with electric Wireline

Components are rotationally locked for easy drill out

Retaining rings assist in preventing element extrusion

Rated to 10,000 psi at 300oF (Size Dependent)

Able to set in P-110 casing

Specifications

Size In.	Casing Weight Lbs/ft	Casing IDs		Bridge Plug Max. Tool OD In.	Setting Force lbs
		Min. In.	Max. In.		
4	5.6-14	3.340	3.732	3.140	20,000
4 ½	9.5-15.1	3.826	4.090	3.593	33,000
5	11.5-20.8	4.156	4.560	3.937	
5 ½	13-23	4.580	5.044	4.312	
5 ¾	14-25.2	4.890	5.290	4.700	
6 5/8	17-32	5.595	6.135	5.375	
7	17-35	6.004	6.538	5.688	50,000
7 5/8	20-39	6.625	7.125	6.312	
8 5/8	24-49	7.511	8.097	7.125	
9 5/8	29.3-58.4	8.435	9.063	8.125	
10 ¾	32.7-60.7	9.660	10.192	9.437	
11 ¾	38-60	10.772	11.150	10.437	
13 3/8	48-80.7	12.175	12.715	12.000	
16	65-118	14.576	15.250	14.125	
20	94-133	18.730	19.124	18.375	