



CX-SV (Sliding Valve) Cement Retainer



The CX-SV is a cast iron squeeze packer, which is hydraulically set, eliminating the requirement for a large OD bow spring mechanical setting tool.

Once the CX-SV is set, the sliding valve can be manipulated; opening the valve when stung into the packer and allowing for squeeze cementing or pressure testing below the plug. Unstinging from the packer closes the valve, allowing the plug to provide a mechanical barrier. Once released from the plug, a slick stinger remains which is ideally suited for cementing operations.

The CX-SV, which has a 300°F temperature rating (Can be rated to 400°F if required), can be used in conjunction with perforating guns to create a one-trip solution for operations such as double perforate and squeeze.

BENEFITS

- No mechanical setting tool required with a slick ID cement stinger left after deployment
- Constructed of drillable material
- Quickly deployed
- Minimises cement disturbance

APPLICATIONS

- Squeeze cementing
- Perforating operations



SPECIFICATIONS

Casing		Recommended Hole Size	Gauge OD	Differential Pressure
Size	Weight			
7"	17.0-35.0#	5.989"-6.655"	5.61"	10,000 psi
	23.0-40.0#	5.595"-6.366"	5.34"	10,000 psi
7 ⁵ / ₈ "	20.0-39.0#	6.625"-7.263"	6.09"	10,000 psi
8 ⁵ / ₈ "	24.0-49.0#	7.511"-8.248"	6.96"	10,000 psi
9 ⁵ / ₈ "	29.3-53.5#	8.435"-9.063"	7.71"	8,000 psi
10 ³ / ₄ "	54.0-81.0#	9.250"-9.784"	8.71"	8,000 psi
	32.7-51.0#	9.850"-11.150"	9.50"	5,000 psi
11 ³ / ₄ "	38.0-71.0#	9.850"-11.150"	9.50"	5,000 psi
13 ³ / ₈ "	48.0-72.0#	12.347"-12.715"	12.00"	3,000 psi
	77.0-102.0#	11.633"-12.464"	11.56"	3,000 psi

Other sizes available on request.

ELASTOMER TRIM TEMPERATURE GUIDE

Rubber Type	Temperature Range (°F)
Nitrile	40-250
HSN (HNBR)	70-300
Viton	100-350