

MODEL LCR-MS

SLEEVE VALVE CEMENT RETAINER - MECHANICAL SET

The Model LCR-MS Cast Iron Drillable Cement Retainer's modular, field proven design makes it a versatile tool in a variety of applications. The SVCR (Sleeve Valve Cement Retainer) may be set mechanically or on a wireline setting tool by changing the top slips. The SVCR also converts to a LBP Bridge Plug by replacing the sleeve valve with a solid plug.

APPLICATIONS:

- Cementing
- Stimulation
- Well Abandonment
- Temporary or Permanent zone isolation

FEATURES, ADVANTAGES, AND BENEFITS:

- Cast iron drillable design
- Simple, surface-controlled valve automatically closes when the stinger is removed
- Converts between mechanical or wireline set by changing top slips
- Converts to a Model LBP Bridge Plug
- Temperature rating to 325° F
- Differential pressure rating to 10,000 psi thru 7 5/8"
- Allows pressure testing before squeeze
- Valve protects sensitive zones in low-fluid wells
- Convertibility reduces inventory requirements
- Fast drill out saves rig time

SPECIFICATIONS

CASING		RETAINER		SETTING RANGE	
OD	WT. (LBS/FT)	PART NUMBER	OD	MIN.	MAX.
4 1/2	9.5 - 16.6	005-3593-000	3.593	3.826	4.090
5	11.5 - 18	005-3937-000	3.937	4.154	4.560
5 1/2	13 - 23	005-4312-000	4.312	4.580	5.044
6	10.5 - 12	005-5375-000	5.375	5.959	6.135
6 5/8	17 - 34	005-5375-000	5.375	5.959	6.135
7	32 - 38	005-5375-000	5.375	5.959	6.135
7	17 - 35	005-5687-000	5.687	6.004	6.538
7 5/8	20 - 39	005-6312-000	6.312	6.625	7.263
8 5/8	24 - 49	005-7125-000	7.125	7.511	8.248
9 5/8	29.3 - 53.5	005-8125-000	8.125	8.435	9.063
10 3/4	54 - 81	005-9000-000	9.000	9.250	9.660
10 3/4	32.7 - 51	005-9437-000	9.437	9.660	10.192
13 3/8	77 - 102	005-1156-000	11.562	11.633	12.464
13 3/8	48 - 72	005-1200-000	12.000	12.175	12.715



**AVAILABLE FOR 4 1/2" TO 13 3/8" CASING
ALSO AVAILABLE IN WIRELINE SET**

MODEL LCR-WS

SLEEVE VALVE CEMENT RETAINER - WIRELINE SET

The Model LCR-WS Cast Iron Drillable Cement Retainer's modular, field proven design makes it a versatile tool in a variety of applications. The SVCR (Sleeve Valve Cement Retainer) may be set on a wireline setting tool or mechanically by changing the top slips. The SVCR also converts to a LBP Bridge Plug by replacing the sleeve valve with a solid plug.

APPLICATIONS:

- Cementing
- Stimulation
- Well Abandonment
- Temporary or Permanent zone isolation

FEATURES, ADVANTAGES, AND BENEFITS:

- Cast iron drillable design
- Simple, surface-controlled valve automatically closes when the stinger is removed
- Converts between mechanical or wireline set by changing top slips
- Converts to a Model LBP Bridge Plug
- Temperature rating to 325° F
- Differential pressure rating to 10,000 psi thru 7 5/8"
- Allows pressure testing before squeeze
- Valve protects sensitive zones in low-fluid wells
- Convertibility reduces inventory requirements
- Fast drill out saves rig time

SPECIFICATIONS

CASING		RETAINER		SETTING RANGE	
OD	WT. (LBS/FT)	PART NUMBER	OD	MIN.	MAX.
4 1/2	9.5 - 16.6	005-3593-002	3.593	3.826	4.090
5	11.5 - 18	005-3937-002	3.937	4.154	4.560
5 1/2	13 - 23	005-4312-002	4.312	4.580	5.044
6	10.5 - 12	005-5375-002	5.375	5.959	6.135
6 5/8	17 - 34	005-5375-002	5.375	5.959	6.135
7	32 - 38	005-5375-002	5.375	5.959	6.135
7	17 - 35	005-5687-002	5.687	6.004	6.538
7 5/8	20 - 39	005-6312-002	6.312	6.625	7.263
8 5/8	24 - 49	005-7125-002	7.125	7.511	8.248
9 5/8	29.3 - 53.5	005-8125-002	8.125	8.435	9.063
10 3/4	54 - 81	005-9000-002	9.000	9.250	9.660
10 3/4	32.7 - 51	005-9437-002	9.437	9.660	10.192
13 3/8	77 - 102	005-1156-002	11.562	11.633	12.464
13 3/8	48 - 72	005-1200-002	12.000	12.175	12.715



**AVAILABLE FOR 4 1/2" TO 13 3/8" CASING
ALSO AVAILABLE IN MECHANICAL SET**