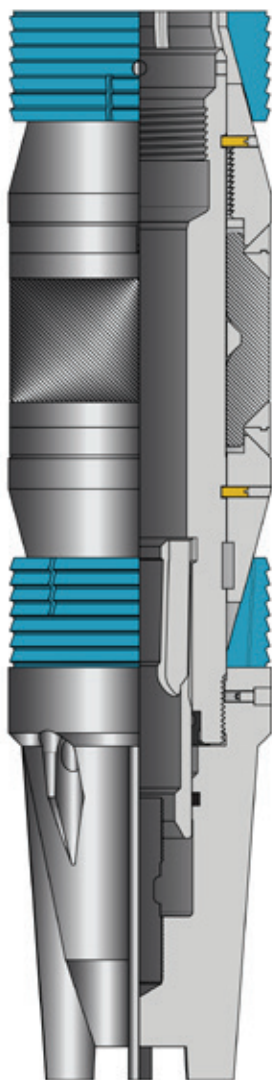


Cast Iron Cement Retainer

The Cement Retainer is a dependable, field-proven design run and set on tubing or electric line. The one-piece heat-treated lower slips provide secure setting for a wide variety of applications. The upper slip is one piece on the E-line set retainer and multiple piece slip on the mechanical set version.

The Cement Retainer provides a solid pressure tight seal ideal for zone isolation, squeeze cementing and plug abandonment operations.



Wireline version shown

Features and benefits

- Cast Iron construction for quick drill-out
- Small O.D. for fast run time
- Simple, surface-controlled valve automatically closes when the stinger is removed
- Full circle slips for secure anchoring
- May be converted to bridge plug
- Dependable back-up system
- Allows pressure test of retainer and tubing before cementing
- Pined cones to prevent preset

Applications

- Zone isolation
- Squeeze Cementing
- Well abandonment
- Temporary or permanent zone isolation

Cast Iron Cement Retainer Specifications

Technical data

Casing				Cement retainer			
Size (in./mm)	Weight range (lb/ft _ kg/m)	Maximum I.D. (in./mm)	Minimum I.D. (in./mm)	Maximum O.D. (in./mm)	Pressure rating (psi/bar)	Temp. rating (°F/°C)	Assembly number
4.500 114,30	9.5 - 15.1 14,14 - 22,47	4.090 103,89	3.820 97,03	3.610 91,69	10,000 689,48	250 121,11	43CRAA-M/W
5.000 127,00	11.5 - 18.0 17,11 - 26,78	4.560 115,82	4.270 108,46	3.930 99,82	10,000 689,48	250 121,11	44CRAA-M/W
5.500 139,70	13.0 - 23.0 19,34 - 34,22	5.040 128,02	4.670 118,62	4.310 109,47	10,000 689,48	250 121,11	45CRAA-M/W
6.625 168,28	17.0 - 34.5 25,30 - 51,34	6.130 155,70	5.580 141,73	5.380 136,65	10,000 689,48	250 121,11	46CRAA-M/W
7.000 177,80	17.0 - 35.0 25,30 - 52,08	6.530 165,86	6.000 152,40	5.690 144,53	10,000 689,48	250 121,11	47CRAA-M/W
7.000 177,80	17.0 - 24.0 25,30 - 35,71	6.800 172,72	6.330 160,78	6.000 152,40	10,000 689,48	250 121,11	47CRAA-B-M/W
7.625 193,68	33.7 - 47.1 50,15 - 70,08	6.800 172,72	6.330 160,78	6.000 152,40	10,000 689,48	250 121,11	47CRAA-B-M/W
7.625 193,68	20.0 - 39.0 29,76 - 58,03	7.250 184,15	6.620 168,15	6.310 160,27	10,000 689,48	250 121,11	48CRAA-M/W
8.625 219,08	24.0 - 52.0 35,71 - 77,38	8.090 205,49	7.430 188,72	7.120 180,85	8,000 551,58	250 121,11	49CRAA-M/W
9.625 244,48	29.3 - 61.1 43,60 - 90,92	9.060 230,12	8.370 212,60	8.120 206,25	8,000 551,58	250 121,11	51CRAA-M/W
10.750 273,05	32.7 - 60.7 48,66 - 90,32	10.192 258,88	9.660 245,36	9.440 239,78	5,000 334,74	250 121,11	53CRAA-M/W
11.750 298,45	38.0 - 60.0 56,54 - 89,28	11.150 283,21	10.772 273,61	10.432 264,97	4,000 275,79	250 121,11	54CRAA-M/W
13.375 339,73	48.0 - 72.0 71,42 - 107,14	12.715 322,96	12.191 309,65	11.995 304,67	3,000 206,84	250 121,11	55CRAA-M/W
16.000 406,40	65.0 - 128.0 96,72 - 190,46	14.438 366,73	15.250 387,35	14.120 358,65	1,500 103,42	250 121,11	57CRAA-M/W