



Office: 432.652.3172

Fax: 432.652.3173

After Hours: 432.556.0200

Email: info@wmoil.net

CEMENT RETAINER - 10K

The **Cement Retainer** is a dependable tubing or wire-line set drillable retainer. One piece heat-treated slips provide secure setting.

Features:

- Simple surface control 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
- Mechanical or wire-line set
- Easily drilled



OD IN	Max. ID IN	Casing Min. ID IN	Weight LBS/FT	Tool OD IN
2-3/8	2.074	1.780	4 - 5.8	1.75
2-7/8	2.441	2.347	6.4 - 7.8	2.23
3-1/2	3.258	2.867	5.75 - 10.3	2.76
3-1/2	2.750		12.95	2.57
4.0	3.729	3.340	5.60 - 14.00	3.140
4-1/2	4.090	3.820	9.5 - 15.1	3.61
5	4.560	4.276	11.5 - 18	3.93
5-1/2	5.044	4.670	13 - 23	4.31
5-3/4			21.9 - 24.4	
6-5/8	6.130	5.580	17 - 34.5	5.38
7	6.530	6.000	17 - 35	5.69
7	6.800	6.330	17 - 24	6.00
7-5/8			33.7 - 47.1	



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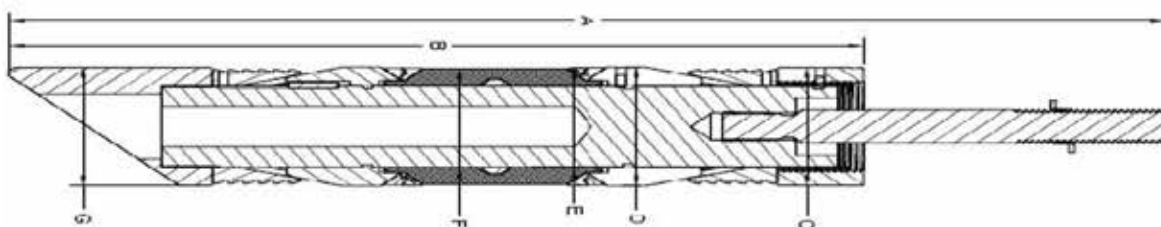
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CEMENT RETAINER - 10K CONT.

OD IN	Max. ID IN	Casing Min. ID IN	Weight LBS/FT	Tool OD IN
7-5/8	7.250	6.620	20 - 39	6.31
8-5/8	8.090	7.430	24 - 52	7.12
9-5/8	9.060	8.370	29.3 - 61.1	8.12
10-3/4	10.192	9.660	32.7 - 60.7	9.44
	9.979	9.112	51 - 79.2	9.03
11-3/4	11.150	10.772	38 - 60	10.43
13-3/8	12.715	12.191	48 - 72	12.00
16	15.250	14.250	65 - 128	14.12
18-5/8	18.000	17.480	87.5	17.13
20	19.124	18.330	94 - 133	18.38



2-3/8" - 3-1/2" LENGTHS AND DIAMETERS

SIZE	A	B	C	D	E	F	G	H	I	J	K	L
2-3/8	12.79	11.55	1.03	1.75	1.80	1.75	1.79	.68	1.80	1.03	1.75	1.20
2-7/8	15.70	14.20	1.25	2.23	2.20	2.22	2.18	.82	2.19	1.25	2.22	1.28
3-1/2	16.61	14.24	1.50	2.75	2.69	2.75	2.68	.81	2.70	1.49	2.75	1.53
3-1/2	16.61	14.15	1.50	2.75	2.54	2.57	2.55	.81	2.55	1.50	2.57	1.53



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4-1/2" - 16" LENGTHS AND DIAMETERS

SIZE	A	B	C	D	E	F	G	H	I	J
4-1/2"	22.93/21.61	21.15	3.49	3.61	3.57	3.52	1.35	3.59	1.00	2.495
5"	22.93/21.61	21.15	3.88	3.93	3.89	3.90	1.35	3.86	1.00	2.495
5-1/2"	22.29/20.94	20.50	4.30	4.31	4.31	4.25	1.35	4.31	1.00	2.615
7"	24.30/20.94	22.78	5.63	5.69	5.64	5.62	2.01	5.69	1.51	3.745
7-5/8"	25.50/23.22	22.70	6.25	6.31	6.26	6.26	2.01	6.32	1.51	4.370
8-5/8"	26.55	22.87	7.07	7.13	7.11	7.13	2.01	7.13	1.51	3.745
9-5/8"	26.11	22.85	8.07	8.13	8.12	8.12	2.01	8.13	1.51	3.380
10-3/4"	26.48	22.79	9.38	9.44	9.44	9.42	2.01	9.44	1.51	3.380
10-3/4"	26.48	22.79	9.00	9.03	9.03	9.00	2.01	9.029	1.51	3.380
11-3/4"	25.48	22.85	10.37	11.99	10.43	11.92	2.02	10.43	1.51	3.745
13-3/8"	26.44	22.87	11.96	11.99	12.00	11.92	2.02	11.99	1.51	3.745
16"	29.56	25.95	14.09	14.12	14.11	14.09	2.02	14.12	1.51	4.485

