



H-M

Model "E"

Hydro/Mechanical

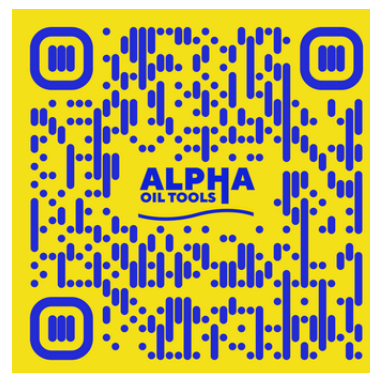
When high pressure and high temperature are not a factor, the Alpha H-M Bridge Plug Model "E" is more specifically engineered to withstand moderate temperature and moderate pressure conditions with ease. This plug streamlines the setting process, utilizing hydraulic power to engage the top slips and then employing mechanical pull to finalize the set. Unlike traditional methods, there's no need for a separate mechanical setting tool as the mechanism is integrated within the plug itself. Setting the plug is straightforward: a ball is inserted into the tubing string, blocking the built-in equalizing ports. Pressure is then applied to activate the top slip, followed by mechanical pull to secure the set. Releasing the tubing string from the plug with right hand rotation.

After release, the full tubing I.D. is restored, allowing seamless extension of other equipment through the tubing string's end.



FEATURES

- Drillable cast iron construction
- One piece grip
- Sets in any grade casing including P-110
- Metal back-up to prevent rubber extrusion
- For temporary or permanent service
- Ratcheting lock ring holds setting force
- Excellent for deviated wells



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CASING		PLUG			SETTING RANGE	
OD	WT lbs/ft	“P” PART NO.	“E” PART NO.	O.D	MIN.	MAX
3-1/2	5.7 - 10.2	000-2750-055	000-2750-055	2.75	2.867	3.258
4	5.6 - 14	000-3120-055	000-3120-055	3.12	3.340	3.732
4-1/2	9.5 - 16.6	000-3500-055	000-3500-065	3.50	3.826	4.090
5	11.5 - 18	000-3710-055	000-3710-065	3.71	3.920	4.560
5-1/2	13 - 25	000-4240-055	000-4240-065	4.24	4.580	5.047
5-3/4	22.5 - 25.2	000-4240-055	000-4240-065	4.24	4.580	5.047
6	14 - 26	000-4750-055	-	4.75	5.140	5.595
6-5/8	34	000-4750-055	-	4.75	5.140	5.595
6	10.5 - 12	000-5340-055	000-5340-065	5.34	5.595	6.366
6-5/8	17 - 34	000-5340-055	000-5340-065	5.34	5.595	6.366
7	23 - 40	000-5340-055	000-5340-065	5.34	5.595	6.366
6-5/8	17 - 22	000-5610-055	000-5610-065	5.61	5.989	6.655
7	17 - 35	000-5610-055	000-5610-065	5.61	5.989	6.655
7-5/8	20 - 39	000-6090-055	-	6.09	6.625	7.263
8-5/8	24 - 49	000-6960-055	-	6.96	7.511	8.248
9-5/8	29.3 - 53.5	000-7710-055	-	7.71	8.435	9.063
10-3/4	54 - 81	000-8710-055	-	8.71	9.250	9.764
10-3/4	32.7 - 51	000-9500-055	-	9.50	9.850	11.150
11-3/4	38 - 60	000-9500-055	-	9.50	9.850	11.150
13-3/8	77 - 102	000-1156-055	-	11.56	11.633	12.464
13-3/8	48 - 72	000-1200-055	-	12.00	12.347	12.715

*Model “P” PART NO. shown on table for comparison. Note the Model “P” is a 10k max plug.



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