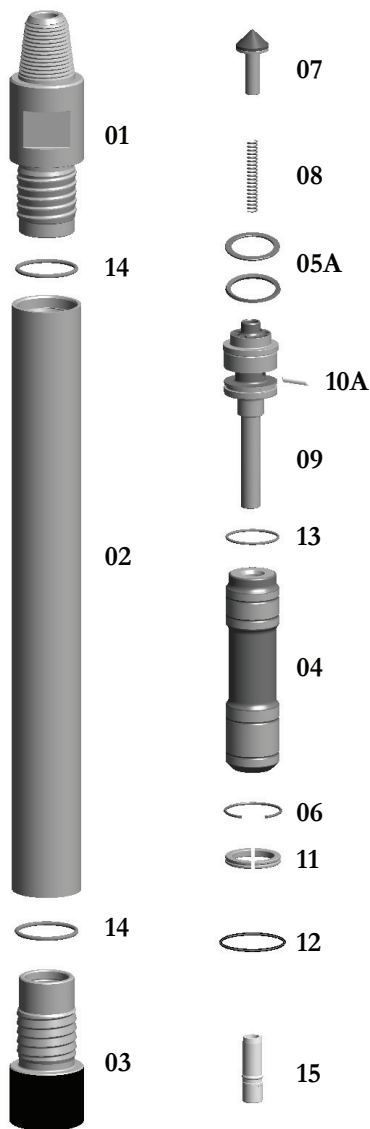


**E4-STD-Hammer-TS**

**TAKES SD4 SHANKS**

Thread Change/Pin  
Box Thread  
Special Flats

\*\*SPECIAL BACKHEAD FEATURES—CALL OFFICE



**Replacement Parts**

Hmr Part #	Description	Order #	Weight (lbs.)
4-01	Top Sub 2-3/8" API REG PIN w/O-Ring	<b>E4-01</b>	22.0
4-14	**Replacement O-Ring for Top Sub**	<b>E4-14</b>	0.1
4-02	Piston Case w/Retainer Ring	<b>E4-02</b>	37.0
4-06	**Replacement Retainer Ring for Piston Case**	<b>E4-06</b>	0.5
4-03	Driver Sub w/O-Ring	<b>E4-03</b>	8.5
4-14	**Replacement O-Ring for Driver Sub**	<b>E4-14</b>	0.1
4-04	Piston	<b>E4-04</b>	17.0
4-05A	Disc Spring & Spacer Set	<b>E4-05A</b>	0.8
4-07	Check Valve Dart	<b>E5-07</b>	1.5
4-08	Check Valve Dart Spring	<b>E5-08</b>	0.3
4-09	Rigid Valve w/O-Ring	<b>E4-09</b>	7.0
4-13	**Replacement O-Ring for Rigid Valve Guide**	<b>E4-13</b>	0.1
4-10	Choke Set	<b>EBB6-03(S)</b>	0.3
4-10	Blank Choke	<b>EBB6-03</b>	0.1
4-10	1/8" Choke	<b>EBB6-03A</b>	0.1
4-10	3/16" Choke	<b>EBB6-03B</b>	0.1
4-11	Bit Retianer Ring w/O-Ring	<b>E4-11</b>	0.8
4-12	**Replacement O-Ring for Bit Retianer Ring**	<b>E5-13</b>	0.2
4-15	Foot Valve	<b>E4-15</b>	0.2

		Outside Diameter		Hammer Length Pin		Hammer Length Box		Bit Size Range			
		IN.	MM.	IN.	MM.	IN.	MM.	IN.	MM.		
Drill 4		3-5/8	92	39-1/2	992	42	1067	4-5-1/8	102-130		
Choke Size		150	10.3	200	13.8	250	17.2	300	20.7	350	24.1
IN.	MM.	PSI	BARS	PSI	BARS	PSI	BARS	PSI	BARS	PSI	BARS
Blank	Blank	200	5.66	275	7.79	350	9.91	420	11.89	485	13.74
1/8	3.18	215	6.09	300	8.50	390	11.04	470	13.31	545	15.43
3/16	4.76	245	6.94	340	9.63	440	12.46	525	14.87	610	17.28
3/8 none	9.53	445	12.60	605	17.13	765	21.66	905	25.63	1040	29.45

The above air charts are based upon ideal conditions, your results may vary.