



**Drill 8-5/8**

**w/4-1/2" API Reg Pin**

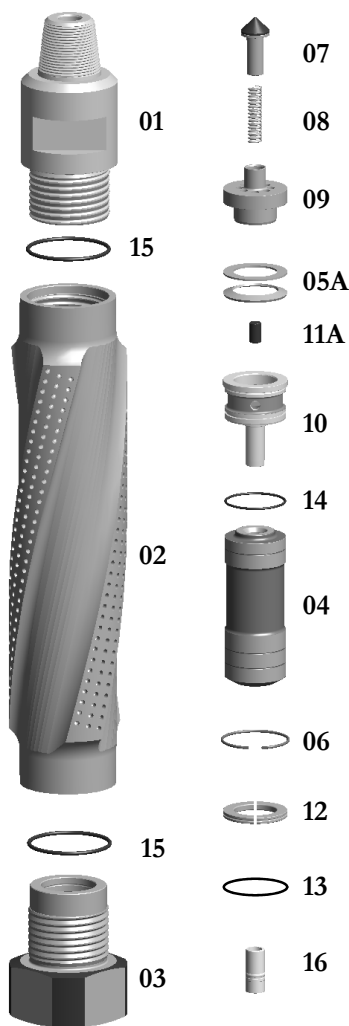
**Wt. 440 lbs.**

**E8ST-HD-Hammer "Stabilized"**

**TAKES SD8 SHANKS**

Thread Change/Pin  
Box Thread  
Carbide Buttons  
Side Carbide Buttons  
Special Flats

\*\*SPECIAL TOP SUB FEATURES—CALL OFFICE



**Replacement Parts**

Hmr Part #	Description	Order #	Weight (lbs.)
8ST-01	Top Sub 4-1/2" API REG PIN w/O-Ring	<b>EST8-01HD</b>	91.0
8ST-15	**Replacement O-Ring for Top Sub**	<b>E8-15</b>	0.1
8ST-02	Piston Case w/Retainer Ring	<b>EST8-02HD</b>	214.0
8ST-06	**Replacement Retainer Ring for Piston Case**	<b>E8-06</b>	0.3
8ST-03	Driver Sub w/O-Ring	<b>EST8-03HD</b>	53.0
8ST-15	**Replacement O-Ring for Driver Sub**	<b>E8-15</b>	0.1
8ST-04	Piston	<b>E8-04</b>	68.0
8ST-05A	Disc Spring & Spacer Set	<b>E8-05A</b>	1.5
8ST-07	Check Valve Dart	<b>E8-07</b>	1.5
8ST-08	Check Valve Dart Spring	<b>E8-08</b>	0.3
8ST-09	Check Valve Guide	<b>E8-09</b>	12.0
8ST-10	Rigid Valve w/O-Ring	<b>E8-10</b>	14.0
8ST-14	**Replacement O-Ring for Rigid Valve**	<b>E8-14</b>	0.1
8ST-11	Choke Set	<b>E8-11</b>	1.5
8ST-11A	Blank Choke	<b>E8-11A</b>	0.3
8ST-11B	1/8" Choke	<b>E8-11B</b>	0.3
8ST-11C	1/4" Choke	<b>E8-11C</b>	0.3
8ST-11D	3/8" Choke	<b>E8-11D</b>	0.3
8ST-11E	7/16" Choke	<b>E8-11E</b>	0.3
8ST-12	Bit Retainer Ring w/O-Ring	<b>E8-12</b>	1.6
8ST-13	**Replacement O-Ring for Bit Retainer**	<b>E8-13</b>	0.2
8ST-16	Foot Valve	<b>E8-16</b>	0.9
8ST-17	Brass Break-Out Ring (Optional)	<b>E8-17</b>	0.1

	Outside Diameter		Hammer Length Pin		Hammer Length Box		Bit Size Range				
	IN.	MM.	IN.	MM.	IN.	MM.	IN.	MM.			
Drill 8-5/8 Stabilized	8-9/16	217	47-1/16	1195	51-5/16	1303	8-5/8	219			
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	440	12.46	625	17.70	810	22.94	985	27.90	1160	32.85
1/8	3.18	465	13.17	655	18.55	850	24.07	1035	29.31	1220	34.55
1/4	6.35	520	14.73	715	20.25	955	27.05	1160	32.85	1370	38.80
3/8	9.53	640	18.12	890	25.20	1135	32.14	1365	38.66	1590	45.03
7/16	11.11	730	20.67	995	28.18	1265	35.82	1510	42.76	1760	49.84
1/2—None	12.70	830	23.51	1105	31.29	1380	39.08	1655	46.87	1940	54.94

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