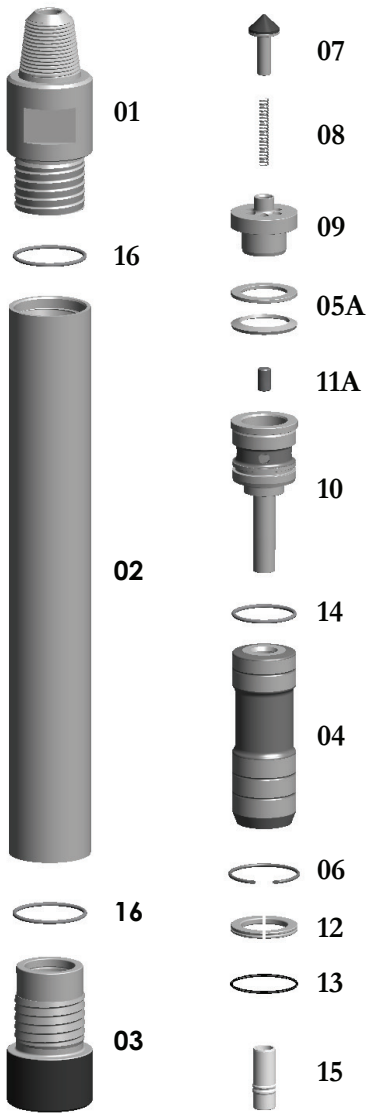


**Drill 5****w/3-1/2" API Reg Pin****Wt. 137 lbs.****E5-STD-Hammer-TS****TAKES SD5 SHANKS**Thread Change/Pin
Box Thread
Special Flats****SPECIAL BACKHEAD FEATURES—CALL OFFICE****Replacement Parts**

Hmr Part #	Description	Order #	Weight (lbs.)
5-01	Top Sub w/3-1/2" API REG PIN w/ O-Ring	E5-01	28.0
5-16	**Replacement O-Ring for Top Sub**	E5-16	0.1
5-02	Piston Case w/Retainer Ring	E5-02	48.0
5-06	**Replacement Retainer Ring for Piston Case**	E5-06	0.2
5-03	Driver Sub w/O-Ring	E5-03	15.0
5-16	**Replacement O-Ring for Driver Sub**	E5-16	0.1
5-04	Piston	E5-04	23.0
5-05A	Disc Spring & Spacer Set	E5-05A	0.5
5-07	Check Valve Dart	E5-07	1.5
5-08	Check Valve Dart Spring	E5-08	0.3
5-09	Check Valve Guide	E5-09	4.2
5-10	Rigid Valve w/O-Ring	E5-10	8.0
5-14	**Replacement O-Ring for Rigid Valve**	E5-14	0.2
5-11	Choke Set	E5-11	1.2
5-11A	Blank Choke	E5-11A	0.3
5-11B	1/8" Choke	E5-11B	0.3
5-11C	3/16" Choke	E5-11C	0.3
5-11D	1/4" Choke	E5-11D	0.3
5-12	Bit Retainer Ring w/O-Ring	E5-12	1.2
5-13	**Replacement O-Ring for Bit Retainer Ring**	E5-13	0.2
5-15	Foot Valve	E5-15	0.6
5-17	Brass Break-Out Ring (Optional)	E5-17	0.1

Outside Diameter		Hammer Length Pin				Hammer Length Box				Bit Size Range	
IN. MM.		IN. MM.		IN. MM.		IN. MM.		IN. MM.		IN. MM.	
Drill 5 4-9/16		116		38-29/32		988.2		42-21/32		1083.5	
		5-1/8-5-7/8		130-149							
Choke Size IN. MM.	150 PSI	10.3 BARS	200 PSI	13.8 BARS	250 PSI	17.2 BARS	300 PSI	20.7 BARS	350 PSI	24.1 BARS	
Blank Blank	260	7.36	365	10.34	475	13.45	585	16.57	700	19.82	
1/8 3.18	285	8.07	390	11.04	515	14.58	635	17.98	760	21.52	
3/16 4.76	315	8.92	430	12.18	565	16.00	690	19.54	825	23.36	
1/4 6.35	340	9.63	455	12.86	620	17.56	760	21.52	910	25.77	
5/16 7.94	410	11.61	555	15.72	710	20.11	860	24.36	1020	28.89	

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