

## WELL DRILLING HAMMERS

# WH5 QL50 3 1/2" API REG

Hammer 140 mm (5 1/2") - 165 mm (6 1/2") diameter holes

A highly dependable hammer with a simple but robust design

- Optimum performance at medium to high pressures ranging up to 35 bar (508 psi)
- Standard 3 1/2" API reg. pin backhead (available also with 2 3/8" API reg. pin backhead)
- QL50 bit shank fitting (available also with DHD350 bit shank fitting)

### Component parts

Ref	Description	Part number
1	Thread Protector API 3 1/2	1099371
2	Backhead WH5 API 3 1/2	604558
3a	Check Valve Plug Blank	604480
3b	Check Valve Plug 1/8"	604481
3c	Check Valve Plug 3/16"	604482
4	Check Valve WH5, WH6	9001128
5	Spring WH5, WH6	760079
6a	Shim - 4.5 mm WH5	604446
6b	Shim - 5.0 mm WH5	604447
6c	Shim - 5.5 mm WH5	604448
7	Ringfeder Spring WH5	760109
8	Air Feed Tube WH5	604442
9	O-ring WH5	768202
10	Inner Cylinder WH5	604932
11	Square Lock Ring WH5	604937
12	Wear Sleeve WH5	604931
13	Piston WH5 QL50	604936
14	Lock Ring WH5	783054
15	Guide Bush WH5 QL50	604935
16	O-ring WH5 QL50	768043
17	Bit Retaining Ring WH5 QL50	604933
18	Chuck Lock Ring WH5 QL50	604949
19	Chuck WH5 QL50	604934
20	End Cap WH5	9001150
	Service Kit WH5 QL50, incl. (3a-c,5,9,11,14,16)*2	5000007
	Repair Kit WH5 QL50, incl. [(3a-c,9,11,14,16)*2],4,5,6a-c,7,17,24	5000008
	Life Kit WH5 QL50 API 3 1/2, incl. 2,12,19	5000010
	Footvalve QL50	9001151
	<b>Complete Hammer</b>	<b>9000821</b>

### Air consumption

PSI	BAR	m <sup>3</sup> /min	ft <sup>3</sup> /min
100	6.9	8.50	300
150	10.3	11.33	400
200	13.8	14.16	500
250	17.2	19.82	700
300	20.7	22.66	800
350	24.2	28.32	1000
400	27.6	31.15	1100
450	31.0	36.82	1300
500	34.5	39.65	1400

### Hammer specification

	Imperial	Metric
Weight (less bit)	132.3 lbs	60.0 kg
Length (less bit)	41.5"	1053 mm
Outside dia.	4.96"	126 mm

