

ADVANTAGE

Dth Bit and Chuck: Bit shank with 12 Spline and Hard-Faced Chuck to optimize the Wear Resistance. The GT Series are designed to eliminates the blow tube/foot valve from the drill bit «Tubeless Technology».

Cylinder: Hardened and Heavy-Duty Wear Sleeve for optimum resistance in abrasive conditions and increase the Hammer life.

Piston: The robust no ported Piston design increases Impact Energy on Drill Bit and improves Drilling Performance.

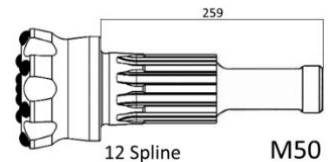
Choke System: The GT Series DTH Hammers are equipped with Choke System that allows the driller to adjust the volume of air through the hammer to optimize cutting evacuation and drill under a column of water.

Air Flow Chamber: The Innovative Air Flow Chamber optimize the air expansion and compression, by minimizing turbulence and reaching great Piston blow frequency, more penetration rate than 25/30 % with lower Air consumption that means lower fuel costs per drilling meters.

SPECIFICATIONS

GT50_M HAMMER SPECIFICATIONS		AIR CONSUMPTION / OPERATING PRESSURE			
		PSI	BAR	CFM	M ³ /min
Hammer Outside Diameter	118 / 124 mm				
Hammer Length	944 mm	150	10.3	250	7.1
Backhead Wrench Flat	95 mm	200	13.8	406	11.5
Drill Bit Shank Type	M50	250	17.2	540	15.3
Backhead Thread Pin	3 1/2" API REG	300	20.7	710	20.1
Drill Bit Range	140 - 152 mm	350	24.1	851	24.1
Hammer Weight	69 Kg	400	27.5	999	28.3
Make Up Torque	5100 - 6800 Nm	450	31	1130	32

TECHNICAL DESIGN



DESCRIPTION PART



ITEM	DESCRIPTION	PART N°
1	BAKHEAD	OCGT50M-01
2	O-RING	OCGT50M-02
3	CHOKE BLANK / 3 / 5 mm	OCGT50M-03
4	CHECK VALVE	OCGT50M-04
5	VALVE SPRING	OCGT50M-05
6	O-RING	OCGT50M-06
7	CONTROL TUBE	OCGT50M-07
8	O-RING	OCGT50M-08
9	PIN	OCGT50M-09
10	INNER CYLINDER	OCGT50M-10
11	PISTON	OCGT50M-11
12	CYLINDER	OCGT50M-12
13	RETAINING RING	OCGT50M-13
14	O-RING	OCGT50M-14
15	GUIDE BUSH	OCGT50M-15
16	BIT RETAINING RING	OCGT50M-16
17	O-RING	OCGT50M-17
18	CHUCK	OCGT50M-18

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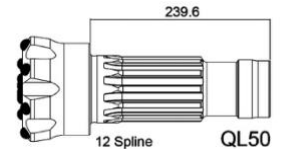
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Air Flow Chamber: The Innovative Air Flow Chamber optimize the air expansion and compression, by minimizing turbulence and reaching great Piston blow frequency, more penetration rate than 25/30 % with lower Air consumption that means lower fuel costs per drilling meters.

SPECIFICATIONS

GT50_Q HAMMER SPECIFICATIONS		AIR CONSUMPTION / OPERATING PRESSURE			
Parameter	Value	PSI	BAR	CFM	M ³ /min
Hammer Outside Diameter	118 / 124 mm				
Hammer Length	944 mm	150	10.3	250	7.1
Backhead Wrench Flat	95 mm	200	13.8	406	11.5
Drill Bit Shank Type	QL50 Without Foot Valve	250	17.2	540	15.3
Backhead Thread Pin	3 1/2" API REG	300	20.7	710	20.1
Drill Bit Range	140 - 152 mm	350	24.1	851	24.1
Hammer Weight	69 Kg	400	27.5	999	28.3
Make Up Torque	5100 - 6800 Nm	450	31	1130	32

TECHNICAL DESIGN



DESCRIPTION PART



ITEM	DESCRIPTION	PART N°
1	BAKHEAD	OCGT50Q-01
2	O-RING	OCGT50Q-02
3	CHOKE BLANK / 3 / 5 mm	OCGT50Q-03
4	CHECK VALVE	OCGT50Q-04
5	VALVE SPRING	OCGT50Q-05
6	O-RING	OCGT50Q-06
7	CONTROL TUBE	OCGT50Q-07
8	O-RING	OCGT50Q-08
9	PIN	OCGT50Q-09
10	INNER CYLINDER	OCGT50Q-10
11	PISTON	OCGT50Q-11
12	CYLINDER	OCGT50Q-12
13	RETAINING RING	OCGT50Q-13
14	O-RING	OCGT50Q-14
15	GUIDE BUSH	OCGT50Q-15
16	BIT RETAINING RING	OCGT50Q-16
17	O-RING	OCGT50Q-17
18	CHUCK	OCGT50Q-18