

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.

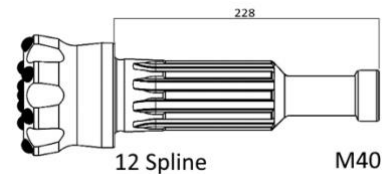
Choke System: The GT Series DTH Hammers are equipped with Choke System that allows the driller to adjust the volume of air through the hammer to optimize cutting evacuation and drill under a column of water.

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

GT40_M HAMMER SPECIFICATIONS		AIR CONSUMPTION / OPERATING PRESSURE			
		PSI	BAR	CFM	M ³ /min
Hammer Outside Diameter	98 mm				
Hammer Length	870 mm	150	10.3	220	6.2
Backhead Wrench Flat	64 mm	200	13.8	332	9.4
Drill Bit Shank Type	M40	250	17.2	427	12.1
Backhead Thread Pin	2 3/8" API REG	300	20.7	544	15.4
Drill Bit Range	110 - 127 mm	350	24.1	639	18.1
Hammer Weight	37 Kg	400	27.5	745	21.1
Make Up Torque	4000 - 5500 Nm	450	31	844	23.9

TECHNICAL DESIGN



DESCRIPTION PART



ITEM	DESCRIPTION	PART N°
1	BAKHEAD	OCGT40M-01
2	O-RING	OCGT40M-02
3	CHOKE BLANK / 3 / 5 mm	OCGT40M-03
4	CHECK VALVE	OCGT40M-04
5	VALVE SPRING	OCGT40M-05
6	O-RING	OCGT40M-06
7	CONTROL TUBE	OCGT40M-07
8	O-RING	OCGT40M-08
9	PIN	OCGT40M-09
10	INNER CYLINDER	OCGT40M-10
11	PISTON	OCGT40M-11
12	CYLINDER	OCGT40M-12
13	RETAINING RING	OCGT40M-13
14	O-RING	OCGT40M-14
15	GUIDE BUSH	OCGT40M-15
16	BIT RETAINING RING	OCGT40M-16
17	O-RING	OCGT40M-17
18	CHUCK	OCGT40M-18

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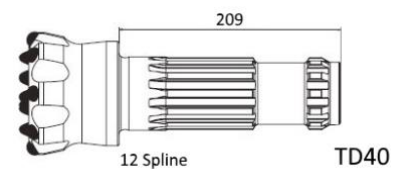
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Air Flow Chamber: The Innovative Air Flow Chamber optimize the air expansion and compression, by minimizing turbulence and reaching great Piston blow frequency, more penetration rate than 25/30 % with lower Air consumption that means lower fuel costs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

SPECIFICATIONS

GT40_T HAMMER SPECIFICATIONS		AIR CONSUMPTION / OPERATING PRESSURE			
		PSI	BAR	CFM	M ³ /min
Hammer Outside Diameter	98 mm				
Hammer Length	870 mm	150	10.3	220	6.2
Backhead Wrench Flat	64 mm	200	13.8	332	9.4
Drill Bit Shank Type	TD40 / COP44GE Without Foot Valve	250	17.2	427	12.1
Backhead Thread Pin	2 3/8" API REG	300	20.7	544	15.4
Drill Bit Range	110 - 127 mm	350	24.1	639	18.1
Hammer Weight	37 Kg	400	27.5	745	21.1
Make Up Torque	4000 - 5500 Nm	450	31	844	23.9

TECHNICAL DESIGN



DESRIPTION PART



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9	PIN	OCGT40T-09
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11	PISTON	OCGT40T-11
12	CYLINDER	OCGT40T-12
13	RETAINING RING	OCGT40T-13
14	O-RING	OCGT40T-14
15	GUIDE BUSH	OCGT40T-15
16	BIT RETAINING RING	OCGT40T-16
17	O-RING	OCGT40T-17
18	CHUCK	OCGT40T-18