


Technical Data

Shoulder to shoulder Length (Less Bit)	1063mm	41.875
Weight (Less Bit)	72.0kg	158.73lbs
External Diameter	Ø140mm	5.51"
Bit Shank	Cop54	QL50
Hole Range	Ø148-155mm	5.75" - 6.125"
Connection Thread	API 3 1/2" Reg	
Recommended Rotation Speed	18-28 Rpm	
Air Consumption	1.0 Mpa (145 Psi)	9M ³ / Min (320 Cfm)
	1.8 Mpa (261 Psi)	15M ³ / Min (530 Cfm)
	2.4 Mpa (348 Psi)	23M ³ / Min (815 Cfm)

Description	Weight	Part Number
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1. Top Sub	15.00	HQL50-01
2. Top Sub O'Ring	0.015	HQL50-02
3. Breakout Ring of Top Sub	0.15	HQL50-03
4. Check Valve	1.00	HQL50-04
5. C.V. Spring	0.10	HQL50-05
6. Compression Buffer	0.10	HQL50-06
7. Air Distributor	3.50	HQL50-07
8. Inner Cylinder	4.20	HQL50-08
9. Piston	19.00	HQL50-09
10. Outer Wear Sleeve	45.00	HQL50-10
11. Guided Sleeve	0.90	HQL50-11
12. Bit Retainer "O" Ring	0.01	HQL50-12
13. Bit Retainer Rings	0.40	HQL50-13
14. Drive Chuck	6.70	HQL50-14
15. Drill Bit	TBD	HQL50-15

According to your request, the top sub can be made into two spanners, and come with protection buttons. An air controlling hole can be drilled on the valve to provide more efficient cuttings discharge.



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