

## Technical Data

Shoulder to shoulder Length (Less Bit)	1065mm	41.93"
Weight (Less Bit)	90kg	198.42lbs
External Diameter	Ø146mm	5.75"
Bit Shank	M-60	
Hole Range	Ø152-Ø219mm	6.00" - 8.625"
Connection Thread	API 3 1/2" Reg	
Recommended Rotation Speed	15-25 Rpm	
Air Consumption	1.0 Mpa (150 Psi)	9M <sup>3</sup> / Min (325 Cfm)
	1.8 Mpa (250 Psi)	18M <sup>3</sup> / Min (650 Cfm)
	2.4 Mpa (350 Psi)	26M <sup>3</sup> / Min (925 Cfm)

Description	Weight	Part Number
1. Top Sub	20.0	HM6A01
2. Top Sub O'Ring	0.015	HM6A02
3. Check Valve	0.70	HM6A03
4. C.V. Spring	0.10	HM6A04
5. Air Distributor	3.50	HM6A05
6. Inner Cylinder	4.20	HM6A06
7. Piston	23.00	HM6A07
8. Outer Wear Sleeve	26.00	HM6A08
9. Guide Bushing	4.80	HM6A09
10. Bit Retainer "O" Ring	0.01	HM6A10
11. Bit Retainer Rings	0.80	HM6A11
12. Drive Chuck	4.20	HM6A12
13. Drill Bit	TBD	

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.

