

Technical Data

Shoulder to shoulder Length (Less Bit)	1084mm	42.67"
Weight (Less Bit)	40.5kg	90lbs
External Diameter	Ø99mm	3.90"
Bit Shank	SD4	
Hole Range	Ø102-Ø140mm	4.00" - 5.50"
Connection Thread	API 2 3/8" Reg	
Recommended Rotation Speed	15-25 Rpm	
Air Consumption	1.0	(150 Psi) 6M³ / Min (200 Cfm)
	1.8 Mpa	(250 Psi) 10M³ / Min (350 Cfm)
	2.4 Mpa	(350 Psi) 15M³ / Min (525 Cfm)

Description	Weight	Part Number
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1. Top Sub	6.50	PDSD401
2. Top Sub "O" Ring	0.01	PDSD402
3. Check Valve	0.42	PDSD403
4. C.V. Spring	0.04	PDSD404
5. Compression Buffer	0.04	PDSD405
6. Air Distributor	2.20	PDSD406
7. Inner Cylinder	2.50	PDSD407
8. Piston	9.00	PDSD408
9. Outer Wear Sleeve	15.60	PDSD409
10. Bit Retainer "O" Ring	0.02	PDSD410
11. Bit Retainer Rings	0.20	PDSD411
12. Drive Chuck	4.00	PDSD412
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.



SD-4 MISSION
SUMMIT 40
BY PINNACLE

