

BD543 R.C. HAMMER



BD Drill

Black Diamond
Drilling Services Australia

4.5" R.C. Hammers	Item Description	Weight Kg	Part Number	
	A Crossover sub Assy PIN Metzke 4"(54mm) to Remet 4"(blank, Matrix, Drill Star...) PIN to BOX CROSSOVER SUB ASSEMBLY OD116MM ADAPT-PM4BR4-116/54			
	1 Top Sub-Remet 4" Adaptor Tube	7.79	ADPAT-SUB-PM4BR4-116/54	
	2 Remet 4"	1.06	ADAPT-ATUBE-PM4BR4	
	3 O Ring (Adaptor Tube Remet 4") x4	0.02	SK-BR4	
	4 Circlip A	0.02	BD543/542-CIRCLIP-4	
	Parts List			
	5 Sample Tube-Metzke 4"	3.5	BD543/542-STUBE-M4/54	
	6 O Ring (Sample Tube) x 5	0.02	BD543/542-SK-STUBE	
	7 Circlip B	0.02	BD543/542-CIRCLIP-4	
	8 Air Screen	0.04	BD543/542-AIRSCREEN	
	9 Distributor	0.56	BD543/542-DIST	
	10 O Ring (Distributor)	0.02	BD543/542-SK-DIST	
	11 Check Valve/Plunger	0.5	BD543/542-CVALVE	
	12 Y Ring (Check Valve)	0.02	BD543/542-SK-CVALVE	
	13 Spring	0.08	BD543/542-SPRING	
	14 Mount Sample Tube	0.86	BD543/542-STUBE-M	
	15 O Ring (Mount Sample Tube)	0.02	BD543/542-SK-STUBEM	
	16 Inner Cylinder/Top Barrel-Metzke 4" (to build 543 Hammer with thread of metzke 4")	7.26	BD542-ICYL-M4/54	
	17 O Ring (Inner Cylinder)	0.02	BD543/542-SK-ICYL	
	18 Piston	11.64	BD543/542-PISTON	
	19 External Cylinder/Barrel/Piston Case	19.17	BD542-ECYL	
	20 Bearing Bush	0.05	BD543/542-PRING	
	21 Bush Retaining Ring	2.35	BD543/542-BUSH	
	22 O Ring (Bearing Bush) x 2	0.02	BD543/542-SK-BUSH	
	23 Bit Ring	0.26	BD543/542-SRING	
	24 O Ring (Bit Ring)	0.02	BD543/542-SK-SRING	
	25 Shroud	2.21	BD543/542-SHROUD-127/125	
	26 Drive Sub	2.94	BD543/542-DSUB	
27 Drill Bit	10.96	BD543/542-127DC		
28 Seal Kit (Item2+6+10+12+15+17+22+24)	0.3	BD543/542-SK		

Technical Data

Length(Less bit)	Weight(Less bit)	External Diameter	Bit Shank	Hole Range	Connection Thread
1191mm	62.0kg	Φ116mm	BD543	Φ113- Φ133	3" – 4" Remet 4" Metzke
Box Size	Impact rate At 2.4Mpa	Recommended rotation speed		Air Consumption	
1230x140x170mm	35Hz	25-40r/min		200-500(PSI) 300-1200(CFM)	