

MR132



Parts and Specifications

Copyright © Mincon 2021, All Rights Reserved.



Mincon MR132 Parts and Specifications

			Item	Part Number	Description	Notes
1		18		MR132AL01 (R)	MR132 Hammer 4 1/2" Remet	
2		19		MR132AL02 (R)	MR132 Hammer 4 1/2" Metzke	
3		20		MR132AL03 (R)	MR132 Hammer 115 ARDX	
4			1	1300-0850	Internal Circlip	
5			2	BS 228	O Ring x 2	Remet only
6			3	MX5456AT01	Adaptor Tube	4 1/2" Remet only
7				MX5456AT11	Adaptor Tube	4 1/2" Metzke only
8				MX5456AT71	Adaptor Tube – lugged	115 ARDX only
9		21	4	BS 226	O Ring x 2 (Adaptor tube ID)	
10			5	BS 040	O Ring (Airscrew)	Not required for lugged adaptor tubes
11			6	MX5456SC01	Airscrew	Not required for lugged adaptor tubes
12			7	MR132BH01	Back Head	4 1/2" Remet only
13				MR132BH11	Back Head	4 1/2" Metzke only
14				MR132BH41	Back Head	115 ARDX only
15			8	BS 244	O Ring (Backhead)	
16			9	8406-0200-N8	Check Valve Seal	
17		22	10	MR132CV01	Check Valve Plunger	
18			11	MR132SP01	Check Valve Spring	
19			12	MR132SS03	Spacer	
20			13	MR132LR01	Lock Ring	
21			14	MR132ST01	Sample tube - Large Bore	
22				MR132ST03	Sample Tube - Small Bore	
23			15	BS230	O Ring (ST mount ID)	
24		23	16	MR132DR02	Sample Tube Mount	
25			17	BS 237	O Ring (ST mount OD)	
26		24	18	BS042	O Ring (Seating ring)	
27			19	MX5456SR01	Seating Ring	
28		25	20	MR132IC01	Inner Cylinder	
29		26	21	MR132PN01	Piston	
30		27	22	MR132WS01	Wear Sleeve	
		28	23	MX5456PR01	Piston Retain Ring	
		29	24	MR132BB01	Aligner Bearing Bush	
		30	25	N7-102-4	O Ring x 2 (Aligner)	
			26	BS 241	O Ring (Aligner)	
			27	MR132BR01	Bit Ring	
			28	BS 152	O Ring (Bit ring)	
			29	MR132CK01 (21)	Chuck	(Use 21 not 01 for Retention Chuck)
			30	MR132(R)CSxxxL	Chuck Sleeve (Retention)	
				MR132OK01	O Ring Kit	
				MR132MK01	Make Up Service Kit	
				5132(R)xxxYY	MR132 Bit	
				5132152C1	MR132 Bit 152mm Collaring	
				5132165C1	MR132 Bit 165mm Collaring	
				5132190C1	MR132 Bit 190mm Collaring	

Specifications

Hammer Outside Diameter	132mm (5.2")
Hammer Length (Less Bit, Backhead Shoulder to Chuck)	1,185mm (46.5")
Backhead Spanner Flat Size	94mm (3.7")
Drill Bit Shank Type	MR132
Backhead thread types	115 ARDX 4.5" Remet 4.5" Metzke
Drill Bit Size Range	137mm – 146mm (5.375" – 5.75")
Hammer Weight (Less Bit)	77kg (170bs)
Maximum Drill Bit Weight	17kg (37.5lbs)
Piston Weight	18kg (40lbs)
Backhead Stand Off	0.75mm (0.03")
Recommended Minimum Air Package	425 L/s @ 24 bar (900 cfm @ 350 psi)



Compatible drill bits – MR132

Description	Part Number	Diameter	Face Type	Quantity and size (inch)			Sample holes	Weight
				Outer	Face	Centre		
MR132 5 3/8 HF Bit	5132137H1	137mm (5.375")	Hard Formation	8 (5/8")	6 (5/8")	4 (9/16")	2	17kg (37.5 lbs)
MR132 5 1/2 HF Bit	5132X140H2	140mm (5.5")	Hard Formation	8 (5/8")	6 (5/8")	5 (9/16")	2	17kg (37.5 lbs)
MR132 5 5/8 HF Bit	5132X143H2	143mm (5.625")	Hard Formation	8 (5/8")	6 (5/8")	5 (9/16")	2	17kg (37.5 lbs)
MR132 5 3/4 HF Bit	5132X146H2	146mm (5.75")	Hard Formation	8 (5/8")	6 (5/8")	5 (9/16")	2	17kg (37.5 lbs)
MR132 6" Collaring Bit	5132152C1	152mm (6")	Drop Centre	8 (5/8")	6 (9/16")	4 (1/2")	2	18kg (39.7 lbs)
MR132 6 1/2 Collaring Bit	5132165C1	165mm (6.5")	Drop Centre	8 (5/8")	8 (5/8")	4 (9/16")	2	19kg (41.9 lbs)
MR132 7 1/2 Collaring Bit	5132190C1	190mm (7.5")	Drop Centre	8 (5/8")	12 (5/8")	4 (9/16")	2	21kg (46.3 lbs)