

MR92



Parts and Specifications

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Mincon MR92 Parts and Specifications

		Item	Part Number	Description	Notes
1		21	MR92AS01	Hammer 3½" Remet	
2		22	MR92AS02	Hammer 90mm ARDA	
3		23	1 1300-0700	Internal Circlip	
4		2	BS132	O Ring x 2 (OD)	3½" Remet only
5		3	MX4044AT01	Adaptor Tube	3½" Remet only
6			MR92AT02	Adaptor Tube	90 ARDA only
7		4	BS 126	O Ring x 2 (Adaptor tube ID)	
8		5	BS 036	O Ring (Airscreen)	Not required for ARDA
9		6	MX4044SC01	Airscreen	Not required for ARDA
10		7	MX4044BH01	Backhead	3½" Remet only
11			MX4044BH02	Backhead	90 ARDA only
12		8	BS 233	O Ring (Backhead)	
13		9	8405-137	Check Valve Seal	
14		10	MX4044CV01	Check Valve Plunger	
15		11	MX4044SP01	Check Valve Spring	
16		12	MX4044SM01	Steel Make Up Ring	
17		13	MX4044LR01	Lock Ring	
18		14	MX4044TT01	Top Tube	
19		25	15 BS 126	O Ring x 2 (Top tube inner)	
20		16	MX4044SS01	Spacer	
21		17	MX4044ST01	Sample Tube	
22		18	BS 128	O Ring (S/T mount ID)	
23		19	MX4044DR01	Sample Tube Mount	
24		20	BS 138	O Ring (S/T mount OD)	
25		21	BS 036	O Ring (Seating ring)	
26		22	MX4044SR01	Seating Ring	
27		23	MX4044IC01	Inner Cylinder	
28		24	MX4044PN01	Piston	
29		25	MR92WS01	Wear Sleeve	
30		26	MX4044PR01	Piston Retain Ring	
31		27	MR92BB01	Aligner Bearing Bush	
32		28	BS 232	O Ring x 2 (Aligner)	
33		29	MR92BR01	Bit Retaining Rings	
34		30	BS 139	O Ring x 1 (Bit rings)	
35		31	MR92CSxxx	Chuck Sleeve	
36		32	MR92CK01	Chuck	
37			MR92OK01	O Ring Kit	
38			MR92MK01	Make-up Kit	

Specifications

Metric

Hammer Outside Diameter	92mm (3.6")
Hammer Length (Less Bit, Backhead Shoulder to Chuck)	1,146mm (45")
Backhead Spanner Flat Size	76mm (3")
Drill Bit Shank Type	MR92
Backhead thread types	90 ARDA, 3.5" Remet
Drill Bit Size Range	102mm – 114mm (4" – 4.5")
Hammer Weight (Less Bit)	40kg (88 lbs)
Maximum Drill Bit Weight	7.5kg (17 lbs)
Piston Weight	7.5kg (17 lbs)
Backhead Stand Off	0.75mm (0.03")
Recommended Minimum Air Package	425 L/s @ 24 bar (900 cfm @ 350 psi)



Compatible drill bits – MR92

Description	Part Number	Diameter	Face Type	Quantity and size (inch)			Sample holes	Weight
				Outer	Face	Centre		
MR92 102mm HF Bit	509102H1	102mm (4")	Hard Formation	8 (1/2")	4 (1/2")	2 (1/2")	2	7.8kg (17.2 lbs)
MR92 105mm HF Bit	5092105H1	105mm (4.125")	Hard Formation	8 (1/2")	4 (1/2")	2 (1/2")	2	8kg (17.6 lbs)
MR92 108mm HF Bit	5092108H1	108mm (4.25")	Hard Formation	8 (1/2")	4 (1/2")	2 (1/2")	2	8.2kg (18.1 lbs)
MR92 114mm HF Bit	5092114H1	114mm (4.5")	Hard Formation	8 (9/16")	4 (9/16")	2 (1/2")	2	8.6kg (19 lbs)
MR92 117mm HF Bit	5092117H1	117mm (4.625")	Hard Formation	8 (9/16")	4 (9/16")	2 (1/2")	2	9kg (19.8 lbs)
MR92 146mm Collaring Bit	5092146C1	146mm (4.75")	Collaring	8 (5/8")	8 (1/2")	2 (1/2")	2	10.1kg (23 lbs)