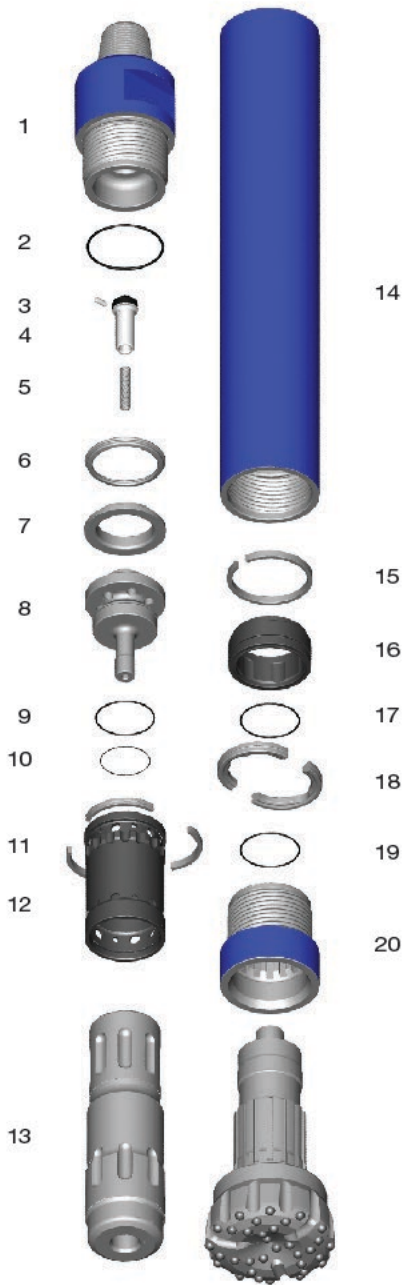


MP90



Parts and Specifications

Mincon MP90 DTH Hammer

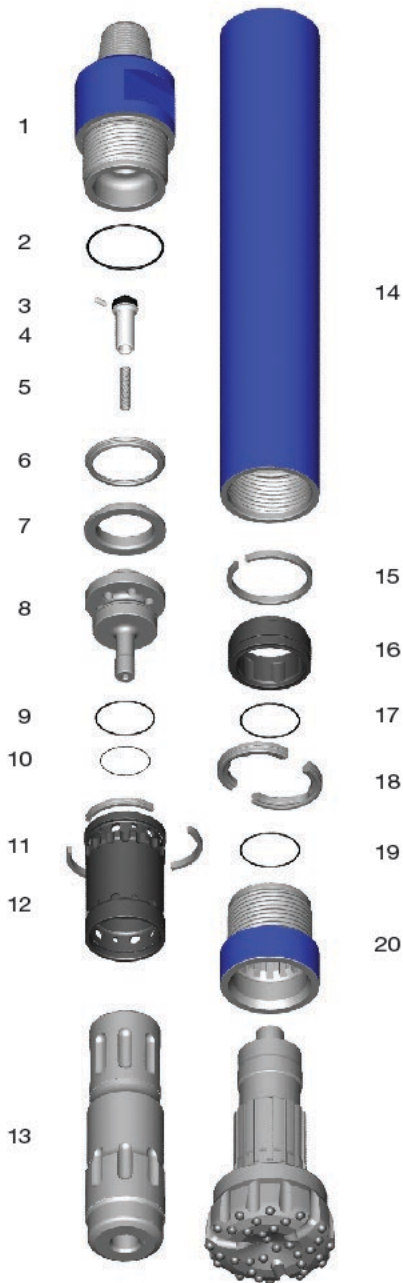


Item #	Part Number	Description
	MD901AS01	Mincon MP90 (4 1/2" A.P.I. Reg. Pin)
1	MD901BH03	Backhead (4 1/2" A.P.I. Reg. Pin)
2	MD922OR01	O Ring
3	MB506CH01	Choke Blank
4	MD802CV01	Check Valve
5	MB503SP01	Spring
6	MD904SM01	Steel Make-Up Ring
7	MD905LR01	Lock Ring
8	MD907DR01	Air Distributor
9	MD921OR01	O Ring
10	MD820OR01	O Ring
11	MD909SR01	Seating Ring
12	MD908IC01	Inner Cylinder
13	MD910PN01	Piston
14	MD911WS01	Wear Sleeve
15	MD912PR01	Piston Retaining Ring
16	MD913BB01	Aligner
17	MD922OR01	O Ring
18	MD914BR01	Bit Retaining Ring
19	MD821OR01	O Ring
20	MD915CK01	Chuck (TD90)
21	MD926SK01	Service Kit
	MD926SK01	Service Kit
3	MB506CH01	Choke Blank
	MB506CH02	Choke 1/8" (3.2mm)
	MB506CH03	Choke 3/16" (4.8mm)
5	MB503SP01	Spring
	MD925OK01	O Ring Kit
	MD925OK01	O Ring Kit
2	MD922OR01	O Ring
9	MD921OR01	O Ring
10	MD820OR01	O Ring
17	MD922OR01	O Ring
19	MD821OR01	O Ring

Specifications

Specifications	Metric
Hammer Outside Diameter	195mm (7.7")
Hammer Length (Less Bit, Backhead Shoulder to Chuck)	1325mm (52.2")
Backhead Spanner Flat Size	140mm (5.5")
Drill Bit Shank Type	TD90
Minimum Bit Size	229mm (9")
Hammer Weight (Less Bit)	229kg (504 lbs)
Drill Bit Weight (254mm/10")	71.7kg (158 lbs)
Piston Weight	60kg (132 lbs)
Backhead Stand Off	1.45mm (0.057")
Make up Torque	8,135-10,850Nm (7,000-9,000 lbf.ft)
Wear Sleeve Reverse Limit	Non-Reversible
Wear Sleeve Discard Limit	181mm (6.65")
Recommended Minimum Air Package	425 l/s @ 24.1 bar (900 cfm @ 350 psi)

Mincon MP90HD DTH Hammer



Item #	Part Number	Description
	MD901AS03	Mincon MP90- 4 1/2" API HD BACKHEAD
1	MD901BH03	Backhead 4 1/2" API
2	MD922OR01	O Ring
3	MB506CH01	Choke Blank
4	MD802CV01	Check Valve
5	MB503SP01	Spring
6	MD904SM01	Steel Make-Up Ring
7	MD905LR01	Lock Ring
8	MD907DR01	Air Distributor
9	MD921OR01	O Ring
10	MD820OR01	O Ring
11	MD909SR01	Seating Ring
12	MD908IC01	Inner Cylinder
13	MD910PN01	Piston
14	MD911WS02	Wear Sleeve
15	MD912PR01	Piston Retaining Ring
16	MD913BB01	Alligner
17	MD922OR01	O Ring
18	MD914BR01	Bit Retaining Ring
19	MD821OR01	O Ring
20	MD916BO01	Breakout Ring (needs to be added to view)
21	MD915CK03	Chuck (TD90) with breakout ring
22	MD926SK01	Service Kit
	MD926SK01	Service Kit
1	MB506CH01	Choke Blank
2	MB506CH02	Choke 1/8" (3.2mm)
3	MB506CH03	Choke 3/16" (4.8mm)
4	MB503SP01	Spring
5	MD925OK01	O Ring Kit
	MD925OK01	O Ring Kit
2	MD922OR01	O Ring
9	MD921OR01	O Ring
10	MD820OR01	O Ring
17	MD922OR01	O Ring
19	MD821OR01	O Ring

Specifications

Specifications	Metric
Hammer Outside Diameter	219mm (8.6")
Hammer Length (Less Bit, Backhead Shoulder to Chuck)	1325mm (52.2")
Backhead Spanner Flat Size	140mm (5.5")
Drill Bit Shank Type	TD90
Minimum Bit Size	254mm (10")
Hammer Weight (Less Bit)	315kg (694 lbs)
Drill Bit Weight (254mm/10")	71.7kg (158 lbs)
Piston Weight	60kg (132 lbs)
Backhead Stand Off	1.45mm (0.057")
Make up Torque	8,135-10,850Nm (7,000-9,000 lbf.ft)
Wear Sleeve Reverse Limit	Non-Reversible
Wear Sleeve Discard Limit	181mm (6.65")
Recommended Minimum Air Package	425 l/s @ 24.1 bar (900 cfm @ 350 psi)