

3"

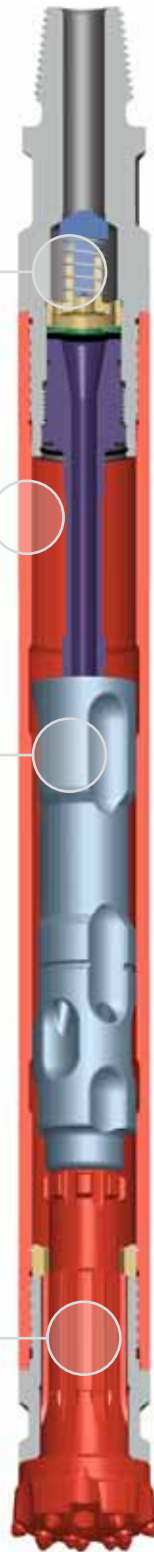
MACH 303

Top-adaptor with integral N.R.V. (Non-Return-Valve) replaceable air distributor.

Revised chamber volumes and cycle timing to optimize performance.

Simplified piston geometry for improved balance and location within the cylinder.

Halco unique shank reduces contact stresses and wear rates. Chuck incorporates replaceable lock-ring.

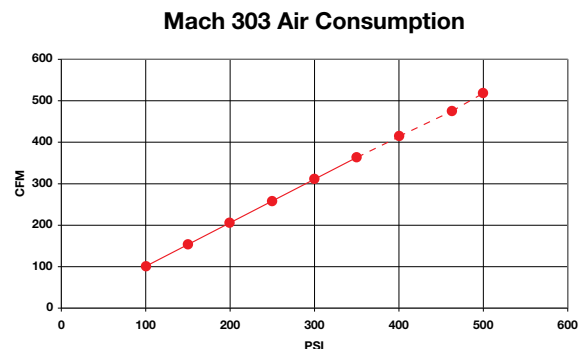


Mach 303 is a general purpose hammer for small hole drilling used in applications such as seismic, geological survey, micro-piling, floor, wall and roof-bolting or for blast-holes where environmental considerations limit hole size and blasting procedures. The Mach 303 uses less air than most other 3 inch hammers in its range which allows you to use a smaller compressor and gain in economy. The hammer is suitable for drilling at a wide range of air pressures in both soft and hard rock conditions.

Suitable for operation at air pressures of 100 - 350 psi (7 - 24 bar).

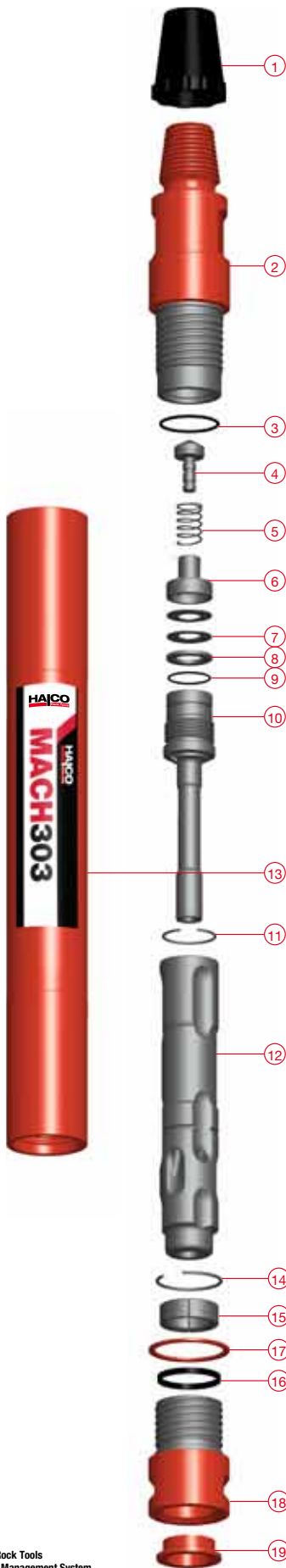
Drilling diameters of 85 - 100mm (3 3/8 - 4").

Air Consumption



Available Shanks

Halco Mach 303



Hammer Overview

Mach 303	
Part Number	600080
Shank	Halco Mach 303
Top Thread	2.3/8 Api Reg Pin
Hammer Flat Size	60mm (2.362")
Weight	20 Kg
Outside Diameter	77mm (3.1/32")
Make Up Length	822mm (32.1/3")
Recommended Minimum Thrust	150 Kg (330 lbs)
Recommended Maximum Thrust	300 Kg (660 lbs)

Parts List

Hammer Type		Mach 303		
Shank		Halco	SK01	RK01
Model Number		600080	Contents	
Item	Description	Part Number	Quantities	
1	Thread Protector	200111	-	-
2	Top-Adaptor	602403	-	-
3	O'Ring	768098	2	2
4	N.R.V.	602328	-	1
5	N.R.V. Spring	760100	2	2
6	N.R.V. Housing	602327	-	-
7	Disk Springs	760094	2	2
8	Thrust Washer	601920	-	-
9	O'Ring	768033	2	2
10	Air Distributor	601975	-	1
	Air Distributor Removal Tool	603007	-	-
11	Snap Ring	777039	2	2
12	Piston	602542	-	-
13	Cylinder	601890	-	-
14	Snap Ring	783016	2	2
15	Bit Retaining Rings	601995	-	1
16	Chuck Lock Ring	602304	2	2
17	Chuck Spacer	601760	1	1
18	Chuck	601892	-	1
19	End Cap	741012	-	-
	Service Kit	SK01		
	Repair Kit	RK01		
	Foot Valve	601921		
	F/V tool - Body	601922		
	F/V tool - Pusher	601659		

Drill Bits

Part Number	Diameter		Face Design	Buttons Type	Buttons QTY/DIA	Weight (Kg)
	mm	Inch				
Halco Shank - Mach 303						
650567	85	3.11/32	Convex	Domed	11 x 11mm	3.6
650569	90	3.1/2	Convex	Domed	11 x 11mm	3.7
650860	90	3.1/2	Convex	Semi-Ballistic	13 x 11mm	3.7
650731	100	3.15/16	Flat	Domed	16 x 11mm	4.5

Halco Rock Tools
Quality Management System
is Certified to ISO9001: 2008
Certificate No: LRQ 0850659



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