

12"

MACH 132

One piece top-adaptor reduces internal parts. No make up required. External N.R.V. for easy maintenance.

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

Revised chamber volumes and cycle timing to optimize performance.

IR DHD 112 shank with drive pins reduces contact stresses and wear rates.



The Mach 132 hammer accepts IR DHD112 shank bits. This hammer, although capable of high pressure drilling is particularly suitable at pressures between 100-200 psi (7 - 14 bar). The Mach 132 has a pin drive system to prevent metal to metal contact thereby minimizing spline wear and damage which can result in drill bit shank failure.

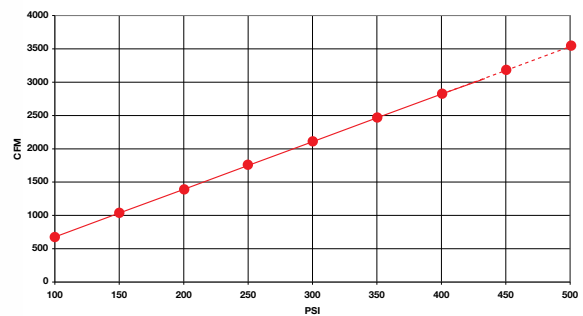
Mach 132 has a one piece top-adaptor with N.R.V. (Non-Return-Valve) fitted for easy inspection and service, with integral finger to reduce maintenance and eliminate shimming which increases service intervals. Servicing requires only a few simple tools. Mach 132 has no liner which increases the 140 kg piston blow energy and reduces parts required. This hammer is suitable for use with overburden systems.

Suitable for operation at air pressures of 100 - 435 psi (7 - 30 bar).

Drilling diameters of 381 - 489 mm (15 - 19 1/4").

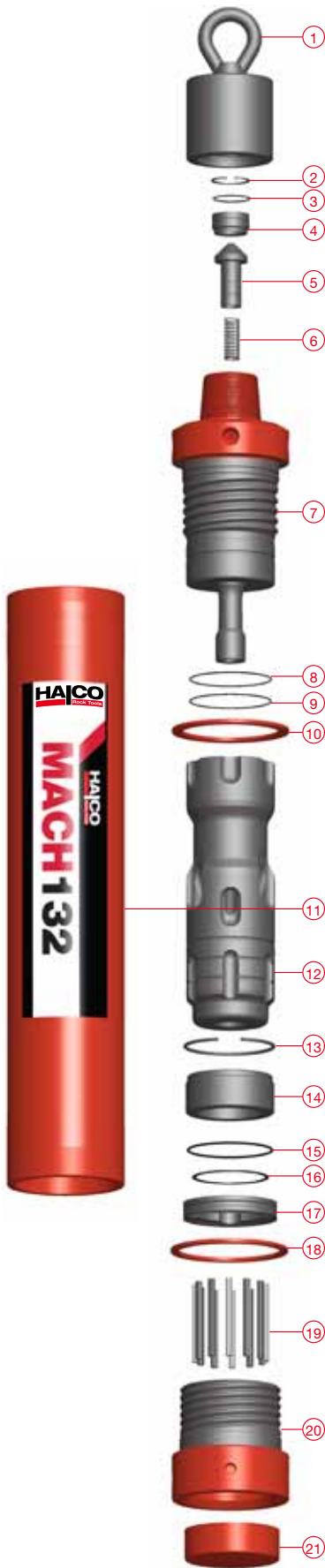
Air Consumption

Mach 132 Air Consumption



Available Shanks

IR DHD 112



Hammer Overview

Hammer Type	Mach 132
Part Number	600142
Shank	Ingersoll Rand
	DHD 112
Top Thread	6 .5/8" Api Reg Pin
Flat Hammer Size	N/A
Weight	614 Kg
Outside Diameter	273mm (10.748")
Make Up Length	1684mm (66.299")
Recommended Minimum Thrust	1600 Kg (3520 Lbs)
Recommended Maximum Thrust	3500 Kg (7700 Lbs)

Parts List

Hammer Type	Mach132		
Shank	DHD112	SK14	RK23
Model Number	600142		
Item	Description	Part Number	Contents Quantities
1	Lifting Cap	602354	-
2	Circlip	777001	2
3	O'Ring	768133	2
4	N.R.V. Seat	602286	-
5	Non Return Valve	602288	-
6	N.R.V. Spring	760055	2
7	Top-Adaptor	602639	-
8	O'Ring	768137	2
9	O'Ring	768137	2
10	Top-Adaptor Spacer	602366	1
11	Cylinder	602563	-
12	Piston	602532	-
13	Snap Ring	783021	2
14	Bearing Bush	602531	-
15	O'Ring	768184	2
16	Containment Band	603819	4
17	Bit Retaining Ring	602530	-
18	Chuck Spacer	602366	1
19	Drive Pins	600564	2
20	Chuck	602528	-
21	End Cap	741035	-
SK	Service Kit	SK14	
RK	Repair Kit	RK23	
	Foot Valve	602522	
	F/V Tool - Body	602523	
	F/V Tool - Pusher	601813	

Drill Bits

Part Number	Diameter		Face Design	Type	Buttons Qty	Over Size	Weight (Kg)
	mm	Inch					
Mach 132 / DHD 112 Shank							
650946	381	15	Concave	Domed	62 x 20mm / 30 x 16mm Wear		217
650942	444	17.1/2	Concave	Domed	82 x 20mm / 30 x 16mm Wear	Y	271
650943	476	18.3/4	Concave	Domed	82 x 20mm / 30 x 16mm Wear	Y	291
650646	489	19.1/4	Concave	Domed	82 x 20mm / 30 x 16mm Wear	Y	300

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



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