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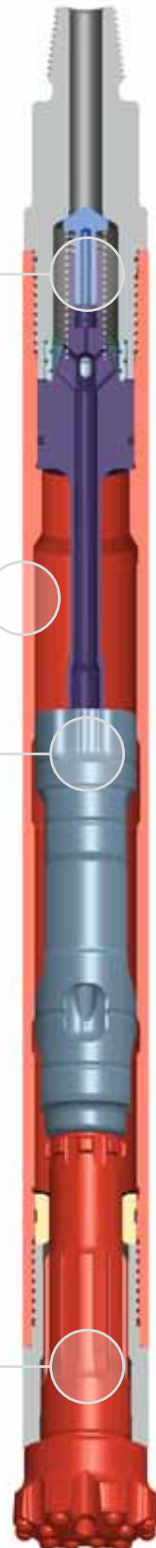
SUPER DOMINATOR 400

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 Shank, A34-15/SD4 and IR DHD340A reduces contact stresses and wear rates.



The Super Dominator 400 is a heavy duty hammer with thicker 98mm (3.8") diameter outer components to provide an extended service life in abrasive conditions and is also suitable for waterwell drilling.

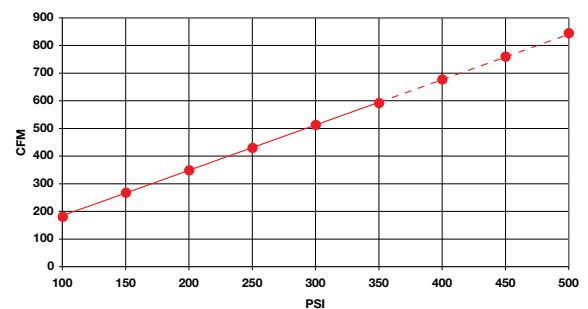
The Super Dominator 400 is designed for maximum performance at higher pressures.

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

Drilling diameters of 108mm - 150mm (4 1/4 - 5 7/8").

Air Consumption

Super Dominator 400 Air Consumption



Available Shanks

Halco Mach 44

A34-15/SD4

IR DHD 340A



Hammer Overview

Hammer Type	Super Dominator 400		
Part Number	600224	600226	600258
Shank	Halco	Sandvik Mission	Ingersoll Rand
	Mach 44	A34 -15/SD4	DHD 340A
Top Thread	2.3/8 API REG PIN	2.3/8 API REG PIN	2.3/8 API REG PIN
Hammer Flat Size	65mm (2.560")	65mm (2.560")	65mm (2.560")
Weight	38 Kg	38 Kg	38 Kg
Outside Diameter	98mm (3.7/8")	98mm (3.7/8")	98mm (3.7/8")
Make Up Length	1042mm (41")	1042mm (41")	1042mm (41")
Recommended Minimum Thrust	250 Kg (550 lbs)	250 Kg (550 lbs)	250 Kg (550 lbs)
Recommended Maximum Thrust	500 Kg (1100 lbs)	500 Kg (1100 lbs)	500 Kg (1100 lbs)

Parts List

Hammer Type	Super Dominator 400					
Shank	Halco-SP	A34-15 / SD4	DHD340A	SK	RK	
Model Number	600224	600226	600258	Contents		
Item	Description	Part Number			Quantities	
1	Thread Protector	200111	200111	200111	-	-
2	Top-Adaptor	603215	603215	603215	-	-
3	O Ring	768040	768040	768040	-	-
4	N.R.V.	602633	602633	602633	2	2
5	N.R.V. Spring	760108	760108	760108	-	1
	Shim - 4.9mm	602634	602634	602634	-	2
6	Shim - 5.3mm	602635	602635	602635	-	1
	Shim - 5.7mm	602636	602636	602636	-	1
7	Compression Spring	760107	760107	760107	-	1
8	Air Distributor	603266	603266	603266	-	1
9	O Ring	768050	768050	768050	-	-
10	Cylinder	603390	603390	603384	2	2
11	Piston	603396	603441	603383	-	-
12	Snap Ring	783029	783029	783029	1	1
13	Containment Band	792037	792037	-	2	2
14	Bit Retaining Ring	603793	603439	603586	2	2
15	Chuck Lock Ring	602733	602733	602733	-	1
16	Chuck	603273	603274	603218	0	1
17	End Cap	741019	741046	741046	-	1
SK	Service Kit	SK30	SK30	SK45		
RK	Repair Kit	RK52	RK42	RK83		
	Foot Valve	601641	601842	601773		
	F/V tool - body	601643	601848	601643		
	F/V tool - pushert	601644	601644	601644		

Drill Bits

Part Number	Diameter mm	Inch	Face Design	Type	Buttons Qty/dia	Over Size	Weight (Kg)
Super Dominator 400 Halco Shank							
650580	108	4.1/4	Concave	Ballistic	14 x 13mm		9.5
650788	108	4.1/4	Convex	Domed	13 x 13mm		9.5
650987	108	4.1/4	Convex	Semi-Ballistic	15 x 13mm		9.1
653248	108	4.1/4	Concave	Domed / Ballistic	8 x 11mm D/8 x 11mm		9.1
650931	110	4.5/16	Convex	Domed	15 x 13mm		9.6
653106	110	4.5/16	Convex	Semi-Ballistic	18 x 11mm		9
650932	115	4.1/2	Convex	Domed	8 x 14mm / 8 x 13mm		9.7
650936	115	4.1/2	Convex	Ballistic	16 x 13mm		9.7
650969	115	4.1/2	Convex	Semi-Ballistic	16 x 13mm		9.6
653136	115	4.1/2	Convex	Parabolic	17 x 14mm		9.5
653249	115	4.1/2	Concave	Domed/Ballistic	8 x 13mm D/8 x 13mm		9.6
650933	120	4.3/4	Convex	Domed	8 x 14mm / 8 x 13mm		10
650466	127	5	Convex	Domed	16 x 13mm	Y	11
650925	127	5	Convex	Semi-Ballistic	16 x 13mm	Y	10.7
650073	130	5.1/8	Convex	Ballistic	16 x 13mm	Y	10.9
650444	140	5.1/2	Convex	Domed	17 x 13mm	Y	12.5
650445	150	5.7/8	Convex	Domed	17 x 13mm	Y	13.5
IR DHD 340A Shank/Atlas Copco Cop 44							
650950	108	4.1/4	Convex	Domed	15 x 13mm		8
650968	108	4.1/4	Convex	Semi-Ballistic	15 x 13mm		10
650949	110	4.5/16	Convex	Domed	15 x 13mm		8.1
650961	110	4.5/16	Convex	Semi-Ballistic	15 x 13mm		8.1
653091	110	4.5/16	Convex	Parabolic	14 x 14mm		8.5
650526	115	4.1/2	Convex	Domed	16 x 13mm		8.2
650625	115	4.1/2	Concave	Domed/Semi-Ballistic	8 x 14mm D/6 x 13mm S/B		8.2
650955	115	4.1/2	Flat	Domed	8 x 14mm/10 x 13mm		8.3
650967	115	4.1/2	Convex	Semi-Ballistic	16 x 13mm		8.5
650680	120	4.3/4	Concave	Domed/Semi-Ballistic	8 x 13mm/8 x 13mm		10
650612	121	4.3/4	Convex	Semi-Ballistic	14 x 13mm		9.5
650611	127	5	Concave	Domed	16 x 13mm	Y	9.5
650966	127	5	Concave	Semi-Ballistic	16 x 13mm	Y	9.6
650013	127	5	Convex	Domed	16 x 13mm	Y	10.6
650614	130	5.1/8	Concave	Domed/Semi-Ballistic	8 x 14mmD/8 x 13mm S/B	Y	10.1
650675	130	5.1/8	Convex	Semi-Ballistic	16 x 13mm	Y	9.2
653094	140	5.1/2	Concave	Domed	9 x 16mm/9 x 14mm	Y	11.8

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



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