

# 6"

## SUPER DOM 650 HD QL 60

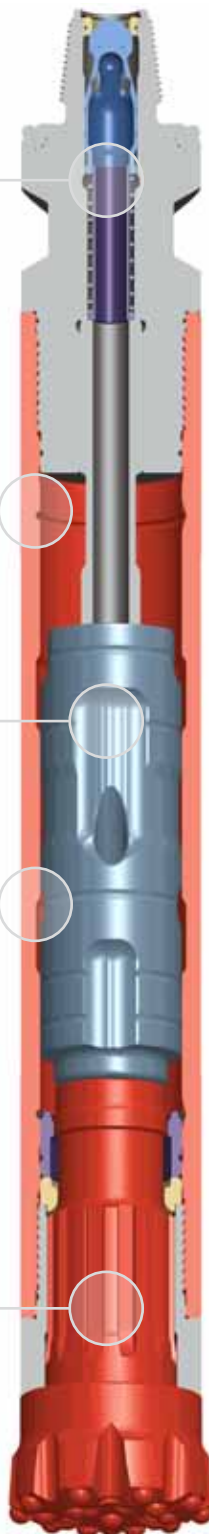
One piece top-adaptor reduces internal parts. No make up required.

Revised reversible chamber volumes and cycle timing to optimize performance.

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

Reversible cylinder.

IR QL 60 shank reduces contact stresses and wear rates.



The Super Dominator 650 HD QL 60 has been designed to give maximum performance in blast-hole applications. This hammer has been tuned to efficiently utilize the air supply to give optimum penetration rates. The Super Dominator 650 HD QL 60 is suitable for drilling over a wide range of air pressures, excelling at higher pressures.

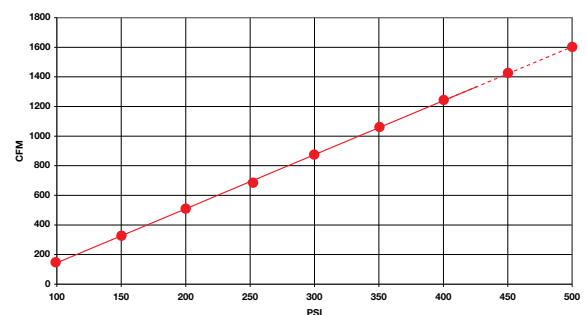
The unique top-adaptor with N.R.V. (Non-Return-Valve) makes this hammer easy to maintain and service.

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

Drilling diameters of 165mm - 241mm (6 1/2" - 9 1/2").

### Air Consumption

Super Dominator 650 HD QL 60 Air Consumption



### Available Shanks

IR QL 60



## Hammer Overview

<b>Hammer Type</b>	<b>Super Dominator 650 HD QL 60</b>
<b>Part Number</b>	<b>600316</b>
<b>Shank</b>	Ingersoll Rand QL 60
<b>Top Thread</b>	3.1/2" Api Reg Pin
<b>Flat Hammer Size</b>	101mm (3.977")
<b>Weight</b>	100 Kg
<b>Outside Diameter</b>	146mm (5.748")
<b>Make Up Length</b>	1043mm (41.07")
<b>Recommended Minimum Thrust</b>	500 Kg (1100 Lbs)
<b>Recommended Maximum Thrust</b>	1500 Kg (3300 Lbs)

## Parts List

Hammer Type		Super Dominator 650 HD		
Shank		QL 60	SK43	RK81
Model Number		600316	Contents	
Item	Description	Part Number	Quantities	
1	Thread Protector	201701	-	-
2	Snap Ring	783050	2	2
3	N.R.V. Seat	603872	-	1
4	O'Ring	768112	2	2
5	Non Return Shuttle Valve	603554	2	1
6	N.R.V. Spring	760135	2	2
7	N.R.V. Spring Shield	603652	-	1
8	Integral Top-Adaptor	603806	-	-
9	O'Ring	747105	2	2
10	O'Ring	768140	2	2
11	Cylinder	603801	-	-
12	Piston	603538	-	2
13	Snap Ring	783017	2	2
14	O'Ring	747105	2	2
15	Bit Guide Bush	603537	-	1
16	Bit Retaining Ring	603866	-	1
17	Chuck	603802	-	1
18	End Cap	741042	-	-
SK	Service Kit	SK43		
RK	Repair Kit	RK81		
	Foot Valve	602852	-	2
	F/V Tool - Body	603547		
	F/V Tool - Pusher	601564		

## Drill Bits

Part Number	Diameter mm	Face Inch	Face		Buttons Qty / Dia	Over Size	Weight (Kg)
			Design	Type			
<b>Ingersoll Rand QL 60 Shank</b>							
650094	156	6.1/8	Concave	Domed	16 x 16mm		23.2
653139	165	6.1/2	Concave	Domed	18 x 18mm		24.4
653160	171	6.3/4	Convex	Domed	19 x 18mm		25.3
653128	178	7	Concave	Domed	8x 20mm + 11 x 16mm	Y	26.2
653227	190	7.1/2	Concave	Domed	24 x 16mm	Y	31.7
653142	203	8	Concave	Domed	31 x 16mm	Y	34.1
653211	241	9.1/2	Concave	Domed	18 x 20mm / 10 x 16mm	Y	39.5

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



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