

Super Dominator 500

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Super Dominator 500 is a class leader in performance and is suitable for drilling at a wide range of air pressures, excelling at high working pressures. The Super Dominator 500 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. The Super Dominator 500 has no liner which increases the piston blow energy and reduces part required.

Super Dominator 500 is ideal for waterwell and geo-thermal drilling applications.

Super Dominator 500 is simple to maintain and to service with only few simple tools required.

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

Drilling diameters of 127mm - 165mm (5 - 6 1/2").

Parts List

| Hammer Type | | Super Dominator 500 | | |
|--------------|--------------------|---------------------|------------|------|
| | | DHD350R | SK48 | RK72 |
| Model Number | | 600267 | Contents | |
| Item | Description | Part Number | Quantities | |
| 1 | Thread Protector | 201701 | - | - |
| 2 | Snap Ring | 783028 | 2 | 2 |
| 3 | N.R.V. Seat | 603510 | - | 1 |
| 4 | O'Ring | 768144 | 2 | 2 |
| 5 | N.R.V. | 603554 | - | 1 |
| 6 | N.R.V. Spring | 760135 | - | 2 |
| 7 | N.R.V. Shield | 603652 | - | - |
| 8 | Top-Adaptor | 603513 | - | - |
| 9 | O'Ring | 768091 | 2 | 2 |
| 10 | O'Ring | 768043 | 2 | 2 |
| 11 | Cylinder | 603368 | - | - |
| 12 | Piston | 603369 | - | - |
| 13 | Snap Ring | 783025 | 2 | 2 |
| 14 | Bit Retaining Ring | 602706 | - | 1 |
| 15 | Chuck Lock Ring | 603104 | 1 | 1 |
| 16 | Chuck Spacer | 602433 | 2 | 2 |
| 17 | Chuck | 602549 | - | 1 |
| 18 | End Cap | 741020 | - | - |
| SK | Service Kit | SK48 | | |
| RK | Repair Kit | RK72 | | |
| | Foot Valve | 601902 | | |
| | F/V Tool - Body | 601877 | | |
| | F/V Tool - Pusher | 601708 | | |



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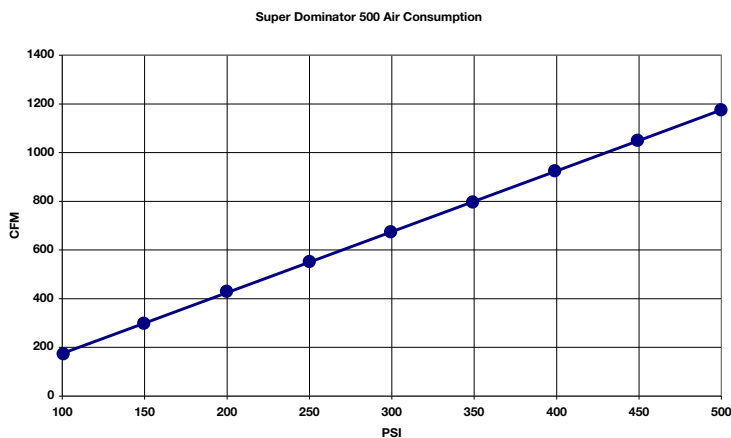
Drill Bits

| Part Number | Diameter | | Face Design | Type | Button Qty / Dia | Over Weight | |
|--|----------|-------|-------------|----------------------|------------------------|-------------|------|
| | mm | Inch | | | | Size | (Kg) |
| Ingersoll Rand Shank - DHD350R / Atlas Copco Cop 54 | | | | | | | |
| 653061 | 127 | 5 | Concave | Domed | 8 x 13mm / 8 x 16mm | | |
| 650677 | 140 | 5.1/2 | Concave | Domed/Semi-Ballistic | 8 x 16mmd / 7 x 16mmSB | | 16.4 |
| 653205 | 140 | 5.1/2 | Flat | Domed | 7x16mmD/8x16mm Long | | 16.2 |
| 653070 | 140 | 5.1/2 | Convex | Semi-Ballistic | 8x16mmSB/8x16mm LongSB | | 15.9 |
| 653257 | 146 | 5.3/4 | Concave | Domed | 15 x 16mm | | 16.3 |
| 650676 | 150 | 5.7/8 | Concave | Domed/Semi-Ballistic | 9x16mmd / 10x16mmSB | Y | 17.8 |
| 650711 | 152 | 6 | Convex | Domed | 20 x 16mm | Y | 17.8 |
| 653092 | 165 | 6.1/2 | Concave | Domed | 10 x 16mm / 8 x 20mm | Y | 21.4 |

Hammer Overview

| Hammer Type | Super Dominator 500 |
|----------------------------|----------------------------|
| Part Number | 600267 |
| Shank | Ingersoll Rand DHD 350R |
| Top Thread | 3.1/2" Api Reg Pin |
| Hammer Flat Size | 90mm (3.544") |
| Weight | 58 Kg |
| Outside Diameter | 118mm (4.65") |
| Make Up Length | 975mm (38.40") |
| Recommended Minimum Thrust | 400 Kg (900 Lbs) |
| Recommended Maximum Thrust | 900 Kg (1980 Lbs) |

Air Consumption



Available Shanks

IR DHD 350R