

YOUR DRILLING EXPERT

8/2021

HALCO
Rock Tools

GP500 TL

HALCO
Rock Tools

HALCO DTH GP TL

Tubeless Hammers

4" GP400 TL

5" GP500 TL

6" GP600 TL

HALCO
Rock Tools

YOUR DRILLING EXPERT

At Halco we pride ourselves on providing exemplary levels of customer service, support and training, no matter what your drilling requirements are.

Having manufactured drilling consumables for over 70 years, our support team are well placed to provide accurate and timely solutions to optimise your drilling performance.

Halco is a world class manufacturer of Down The Hole (DTH) drilling equipment, with manufacturing locations in the United Kingdom and Australia. Our headquarters are in the North of England, where Halco pioneered the development and distribution of DTH hammers and bits in the 1950's.

Our products continue to be regarded as some of the most reliable and durable available today. This is due to our commitment to meet our customers' needs, as well as design expertise and rigorous product testing in extreme drilling conditions.

We offer a wide range of specialist products necessary for the demands of every drilling application.

- Mining
- Quarrying
- Waterwells
- Exploration
- Geotechnical/Civil Engineering
- Oil and Gas

Our team of specialists, together our dedicated distributor network, are available to help you select the optimal product for your drilling application and equipment.

To find your nearest Halco distributor, contact our sales teams at one of our sales locations shown on the back cover.

Who We Are

Halco designs and manufactures to exacting standards the renowned Halco DTH hammers, delivering outstanding performance, productivity and longevity.

Customers also enjoy the versatility and variety, allowing the use of Halco DTH hammers on a wide range of rock-drilling applications. Our drill bits have superb performance and long life, which make Halco DTH drill bits a world leader.

Introducing the new GP400 TL, GP500 TL & GP600 TL series

The new tubeless range of high-performance Down the Hole hammers, designed to tackle applications where footvalve breakage can be a cause of downtime. Particularly recommended in ground conditions with high volumes of water or in soft unconsolidated ground where typical footvalve failures occur. Preferred by drillers in both blast hole and well drilling applications.



4" GP400 TL DHD340 (TD 40)

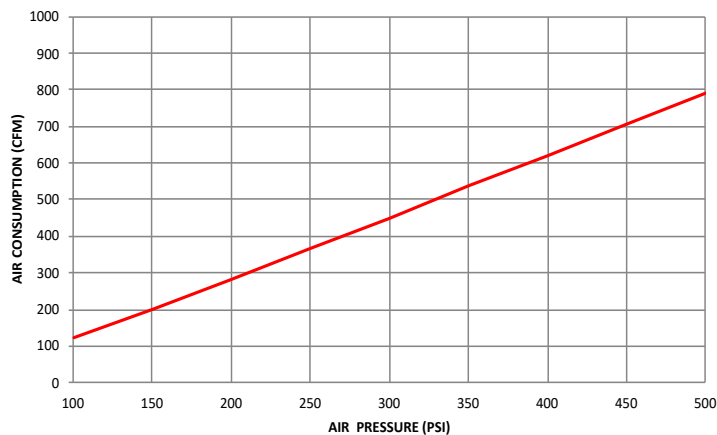
Component parts

Ref	Description	Part number	
1	API 2 3/8" End cap	06M-29-0558	
2	Backhead API 2 3/8" GP400TL	08-004-0545	
3	4" Backhead O-ring 82,22 x 2,62	06M-00-0542	
4	Check valve GP400TL	08-004-0552	
5	Spring OD 21,5 x 100	06J-25-0544	
6	Make-up ring 4" GP400TL	08-004-0555	
7	Lock ring 4" GP400TL	08-004-0554	
8	Air feed tube 4" GP400TL	08-004-0550	
9	4" Air feed tube O-ring 50,16 x 5,33	06M-00-0541	
10	Inner cylinder 4" GP400TL	2000405	
11	Wear sleeve 4" GP400TL	2000406	
12	Bit retaining ring 4" GP400TL DHD340	2001162	(08-004-0546)
13	Seating ring 4" GP400TL	08-004-0556	
14	Piston 4" GP400TL	2000077	
15	4" Seating ring O-Ring 66,4 x 1,78	06M-00-0543	
16	Aligner 4" GP400TL DHD340	2001156	(2000078)
17	Chuck 4" GP400TL IR340	2001165	(08-004-0547)
18	Tapered plug	06M-29-0559	
	Complete Hammer	600449	(600498)

Hammer specification

	Imperial	Metric
Weight (less bit)	101.6 lbs	46,1 kg
Length (less bit)	40.2"	1021 mm
Outside dia.	4.02"	102 mm
Piston weight	17.2 lbs	7,8 kg

Air consumption



TL HAMMERS

5" GP500 TL QL50

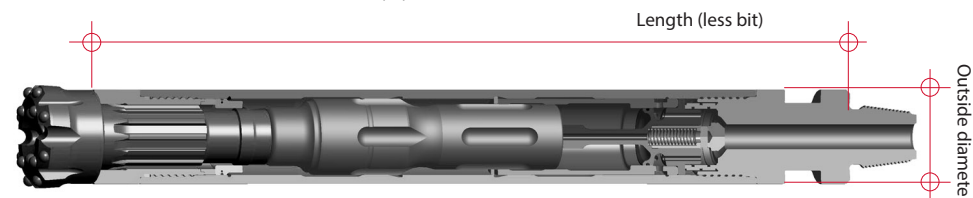
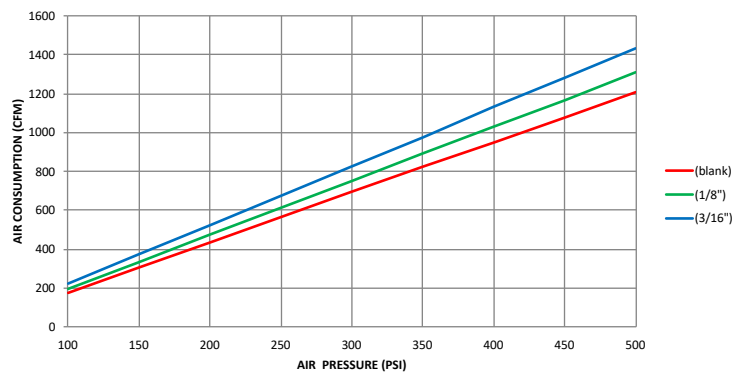
Component parts

Ref	Description	Part number
1	Thread Protector API 3 1/2	201701
2	Back Head API 3 1/2	604558
3a	Check Valve Plug Blank	604480
3b	Check Valve Plug 1/8"	604481
3c	Check Valve Plug 3/16"	604482
4	Check Valve	604444
5	Check Valve Spring	760079
6a	Shim - 4.5mm	604446
6b	Shim - 5.0mm	604447
6c	Shim - 5.5mm	604448
7	Compression Spring	760109
8	Air Feed Tube	604442
9	O-Ring	768202
10	Inner Cylinder	605072
11	Retaining Ring	1107191
12	Wear sleeve	605073
13	Piston	605071
14	Snap Ring	783054
15	Guide Bush	605074
16	O Ring	1098892
17	Bit Retainer QL50	604933
18	Chuck QL50	604934
19	End Cap	741020
	Complete Hammer	600491

Hammer specification

	Imperial	Metric
Weight (less bit)	132.3 lbs	60.0 kg
Length (less bit)	41.5"	1053 mm
Outside dia.	4.96"	126 mm

Air consumption



TL HAMMERS

6" GP600 TL QL60

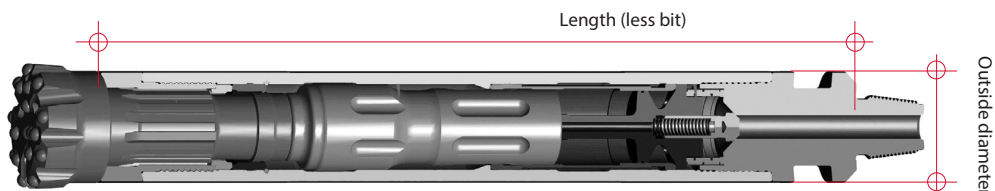
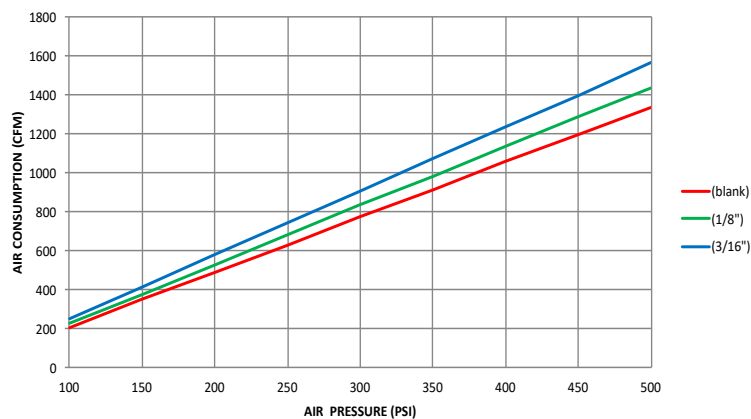
Component parts

Ref	Description	Part number
1	Thread Protector Api 3 1/2	1099371
2	Top Adaptor	604521
3	O Ring	768140
4a	Check Valve Plug Blank	604480
4b	Check Valve Plug 1/8"	604481
4c	Check Valve Plug 3/16"	604482
5	Check Valve	604444
6	Check Valve Spring	760079
7a	Shim 4 mm	601946
7b	Shim 5 mm	601947
7c	Shim 6 mm	601948
7d	Shim 7 mm	601949
8	Compression Ring	760096
9	Air Feed Tube	604514
10	O Ring	768043
11	Inner Cylinder	604930
12	Retaining Ring	783056
13	Wear Sleeve	605066
14	Piston	605065
15	Retaining Ring	783056
16	Guide Bush	605067
17	O Ring	747105
18	Bit Retaining Ring	604693
19	Chuck QL60	604692
20	Top Cap	741042
	Complete Hammer	600489

Hammer specification

	Imperial	Metric
Weight (less bit)	220.0 lbs	100.0 kg
Length (less bit)	42.3"	1075 mm
Outside dia.	5.5"	140 mm

Air consumption



Notes

[illegible]



YOUR DRILLING EXPERT

HALCO (EMEA & AUSTRALIA & ASIA & SOUTH AMERICA)

Halco Brighthouse Ltd
Unit 2, Birds Royd Industrial Estate
Birds Royd Lane
Brighthouse HD6 1LQ
United Kingdom
Tel: +44 1422 399900
Email: salesuk@halco.uk

HALCO (NORTH AMERICA)

Halco USA LLC
1522 Baker Road
Sherman
TX 75090
United States
Tel: +1 903 893-2335
Email: salesusa@halco.uk

www.halco.uk



Halco reserves all rights to any changes in the products
and the specifications without prior notice.
Printed: August 2021
Copyright © 2021 by Halco