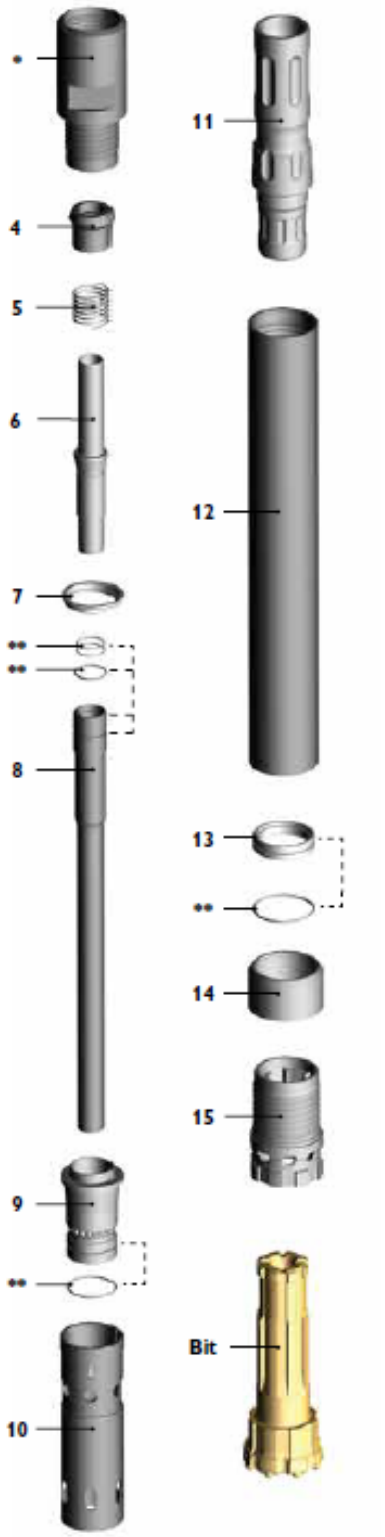
DTH drilling tools

Shandong Rock mine drilling tools co,.LTD

These were our main considerations during the design and developmentprocess:

- Decrease air consumption, to reduce fuel costs.
- Increase the power level, for higher productivity.
- Optimize lubrication capabilities, to increase piston and hammer life.
- Improve the piston-bearing design, to reduce failures due to galling.



Hammer Assembly Components

Item	Part No	Description	
*	—	Top sub assembly	1
4	25-004-000	Plunger	1
5	22-004-000	Spring	1
6	37-004-00U	Sample tube, upper	1
7	24-004-000	Make-up ring, steel	1
8	37-004-00L	Sample tube, lower	1
9	29-004-000	Distributor	1
10	31-004-000	Inner cylinder	1
11	36-004-000	Piston	1
12	35-004-000	Piston case with bush	1
13	27-004-000	Bit retaining ring	1
14	—	Shroud (refer to the selection table)	1
15	16-004-000	Drive sub	1

* See previous page for top sub assembly breakdown

Options

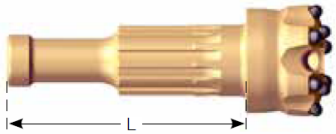
Item	Part No	Description	
**	38-004-000	Rubber parts kit (sold separately)	—

BIT SHANK IDENTIFICATION CHART

M30 • 3", L = 224 MM, 8 SPLINES

DHD3.5HD • 3.5", L = 240 MM, 8 SPLINES

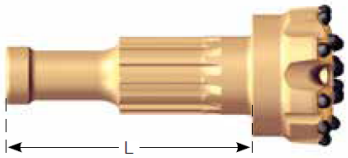
M40 • 4", L = 228 MM, 12 SPLINES



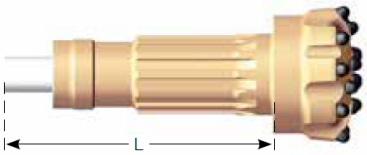
DHD340 • 4", L = 209 MM, 8 SPLINES

QLX40 • 4", L = 209 MM, 12 SPLINES

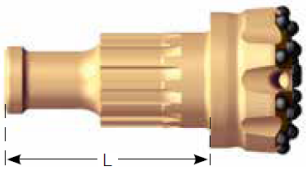
M50 • 5", L = 287 MM, 12 SPLINES



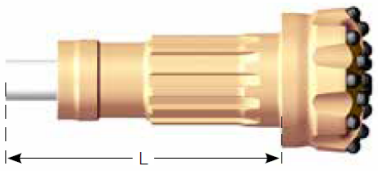
QL50 • 5", L = 240 MM, 12 SPLINES



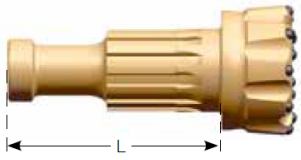
M60 • 6", L = 230 MM, 12 SPLINES



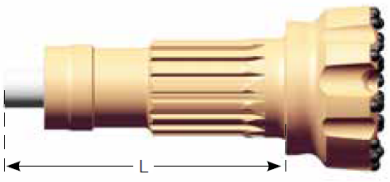
QL60 • 6", L = 253 MM, 12 SPLINES



M80 • 8", L = 329 MM, 12 SPLINES



QL80 • 8", L = 332 MM, 16 SPLINES



HOLE OPENERS

TM

Rock mine
洛克曼