



DTH Hammers

Drilling Tools

Product Catalogue

DRILLCO® 

About Us

DRILLCO® is at the forefront of innovation in the drilling industry, developing cutting-edge products and services that boost productivity, reduce downtime, and lower environmental impact.

With significant investments in R&D and partnerships with top universities, DRILLCO® leverages advanced simulation software to create bespoke consumables, equipment, and drilling services designed for optimal performance.

As a Chilean multinational, DRILLCO® specializes in providing state-of-the-art technological solutions for soil drilling in various sectors, including mining, geothermal, quarrying, water wells, and civil engineering projects.

Our modern 5,000 m² production facility in Quilicura boasts an impressive annual output capacity of 24,000 products, ensuring we meet the growing demands of our global clientele.

Exporting 85% of our products to 35 countries across the Americas, Africa, Europe, and Oceania, Drillco has achieved an average annual growth rate of 20% over the past three years, underscoring our commitment to excellence and innovation.

¿Why DRILLCO®?

Today, with over 50 years of expertise in hard rock drilling, DRILLCO® stands as the leader in mining drilling, boasting a presence in more than 30 countries through its 10 international branches. The PUMA BY DRILLCO® brand is a hallmark of quality and innovation, with PUMA® products in use from the Arctic Circle to Patagonia and from Siberia to the Sahara Desert.

At DRILLCO®, our mission is to deliver the lowest cost per meter in the market by tailoring our products to meet the unique requirements of each client.

This commitment to customization enables us to provide products specifically designed for every rock condition, ensuring a seamless user experience and helping our clients achieve their operational and economic objectives with ease.



A Puma® Hammer for every application

Each Puma® Hammer has been specifically designed to suit a particular rock condition, obtaining the best drilling results. From the mines in the heights of the Andes Mountains, to the cold planes of geothermal in Europe, there is a specific Puma hammer for every application.



Mining



Water Wells



Construction



GSHP



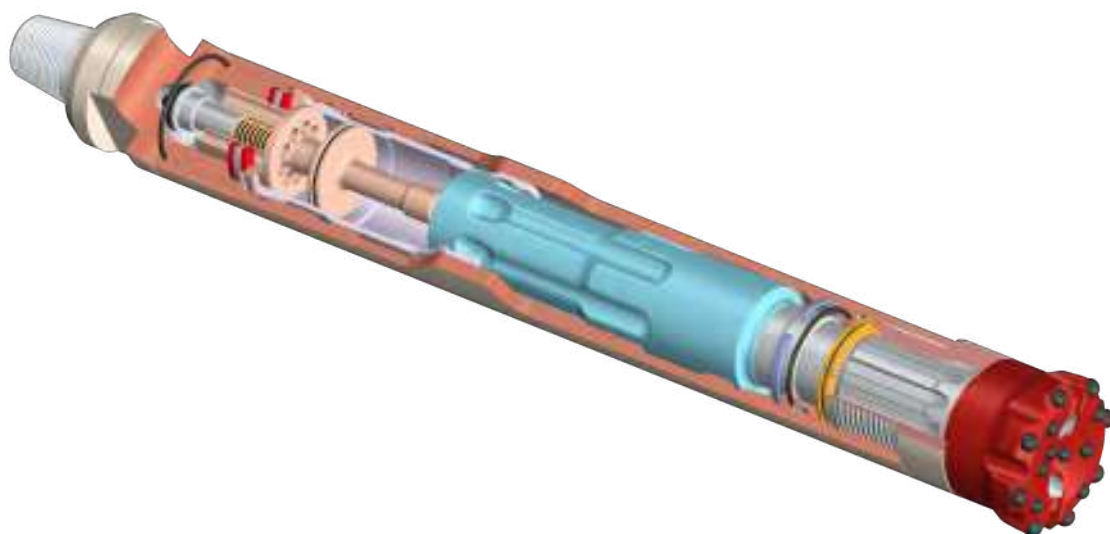
Quarry



Exploration

The precise protection for every operation

Depending on usage conditions, at Drillco we customize each hammer, adjusting it to the specific needs of the operation, achieving superior performance.



PUMA DTH HAMMERS

S STANDARD

TYPE OF PROTECTION
Basic protection, standard diameter of hammer model.

SUGGESTED USE
High versatility, varied rock formations, for all bit diameters within its range.

HD HEAVY DUTY

TYPE OF PROTECTION
Larger outer diameter, due to increased thickness of outer parts.

WEAR LEVEL
Indicated for moderate to high external wear conditions.

SUGGESTED USE
Rock formations with a medium to high index of silica.

HDW HEAVY DUTY WELDING

TYPE OF PROTECTION
Larger outer diameter, due to the increase in the thickness of the outer pieces and the application of high hardness welding.

WEAR LEVEL
Indicated for conditions of high wear and occasional wear of extremities.

SUGGESTED USE
Rock formations with medium to high index of silica.

HDWR HEAVY DUTY WELDING RETRACTILE

TYPE OF PROTECTION
Greater outside diameter, due to the increase in thickness of the outer parts, application of high hardness welding, and tungsten welding on cylinder.

WEAR LEVEL
Indicated for conditions of high wear, fractured formations with material detachment.

SUGGESTED USE
Rock formations with complex drilling conditions and difficulty in removing debris.



Types of shanks and bit dimension

| INCH | MM | PUMA 2 | PUMA 3 | PUMA 4 | PUMA 5 | PUMA 6 | PUMA 7 | PUMA 8 | PUMA 9 |
|---------|-----|--------|--------|--------|--------|--------|--------|--------|--------|
| 2 7/8" | 73 | ● | | | | | | | |
| 3" | 76 | ● | | | | | | | |
| 3 1/4" | 83 | ● | | | | | | | |
| 3 1/2" | 90 | | ● | | | | | | |
| 3 5/8" | 92 | | ● | | | | | | |
| 3 3/4" | 95 | | ● | | | | | | |
| 4" | 102 | | ● | | | | | | |
| 4 1/8" | 105 | | ● | | | | | | |
| 4 1/4" | 108 | | ● | | | | | | |
| 4 1/2" | 113 | | ● | ● | | | | | |
| 4 3/4" | 121 | | ● | ● | | | | | |
| 5" | 127 | | ● | ● | | | | | |
| 5 1/8" | 130 | | ● | ● | ● | | | | |
| 5 1/4" | 134 | | ● | ● | ● | | | | |
| 5 1/2" | 140 | | ● | ●* | ● | | | | |
| 5 3/4" | 146 | | ● | ● | ● | | | | |
| 5 7/8" | 149 | | ● | ● | ● | | | | |
| 6" | 153 | | ● | ● | ● | ● | | | |
| 6 1/8" | 156 | | ● | ● | ● | ● | | | |
| 6 1/4" | 159 | | ● | ● | ● | ● | | | |
| 6 1/2" | 165 | | ● | ● | ● | ● | | | |
| 6 3/4" | 172 | | ● | ● | ● | ● | | | |
| 7" | 178 | | ● | ● | ● | ● | | | |
| 7 1/2" | 191 | | ● | ● | ● | ● | | | |
| 7 5/8" | 194 | | ● | ● | ● | ● | | | |
| 7 7/8" | 200 | | ● | ● | ● | ● | ● | | |
| 8" | 203 | | ● | ● | ● | ● | ● | | |
| 8 1/2" | 216 | | ● | ● | ● | ●* | ● | ● | |
| 8 5/8" | 219 | | ● | ● | ● | ●* | ● | ● | |
| 8 3/4" | 222 | | ● | ● | ● | ●* | ● | ● | |
| 9" | 229 | | ● | ● | ● | ● | ● | ● | |
| 9 1/4" | 235 | | ● | ● | ● | ● | ● | ● | |
| 9 1/2" | 241 | | ● | ● | ● | ● | ● | ● | ● |
| 9 7/8" | 251 | | ● | ● | ● | ● | ● | ●* | ● |
| 10" | 254 | | ● | ● | ● | ● | ● | ●* | ● |
| 10 5/8" | 270 | | ● | ● | ● | ● | ● | ● | ● |
| 11" | 279 | | ● | ● | ● | ● | ● | ● | ●* |
| 11 1/2" | 292 | | ● | ● | ● | ● | ● | ● | ●* |
| 12" | 305 | | ● | ● | ● | ● | ● | ● | ●* |

* Special Applications

DIMENSIONS OF EACH PUMA® HAMMER MODEL

PUMA® HAMMERS: Dimensions, Threads and Types of Shanks, According to Range (R)

| HAMMER VARIABLE | R2 | R3 | R4 | R5-SH | R5 | R6 | R7 | R8 | R9 | R10 |
|---------------------------|---------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|---------------|---------------|
| TOTAL LENGTH BIT EXTENDED | 877mm 34.4" | 938mm 36.9" | 1046mm 41" | 1028mm 40.5" | 1177mm 46.3" | 1286mm 50.4" | 1545mm 60.8" | 1591mm 62.7" | 1747mm 68.5" | 1886mm 74.3" |
| EXTERNAL DIAMETER | | | | | | | | | | |
| NORMAL (S) | 62mm 2.4" | 76mm 3.0" | 98.9mm 3.9" | 121mm 4.8" | 115mm 4.5" | 141.5mm 5.6" | 166mm 6.6" | 182mm 7.2" | 222mm 8.7" | 218mm 8.6" |
| HEAVY DUTY (HD) | | 81mm 3.2" | 100mm 3.9" | 126mm 5.0" | 118mm 4.6" | 146.5mm 5.8" | 173mm 6.8" | 187mm 7.4" | 218mm 8.6" | 225mm 8.7" |
| HDW (WELDING AT THE ENDS) | | | 103mm 4.1" | 129mm 5.1" | 121mm 4.8" | 145.5mm 5.8" | 176mm 6.9" | 190mm 7.5" | | |
| ENTRY THREADS IN CHUCK | 1 | 1 | 2 | 3 | 1,2,3 | 1,2,3 | 1 | 2,3 | 1 | 1 |
| HAMMER WEIGHT | | | | | | | | | | |
| NORMAL (S) | 15.8kg 35.0lb | 22kg 48.5lb | 39kg 86.0lb | 30kg 66.0lb | 67kg 147.0lb | 95kg 209.0lb | 160kg 353.0lb | 194kg 427.0lb | 307kg 676.0lb | 341kg 751.0lb |
| HEAVY DUTY (HD) | | 29kg 63.8lb | 41kg 90.0lb | 55kg 121.0lb | 65kg 143.0lb | 105kg 231.0lb | 172kg 381.0lb | 200kg 440.0lb | 329kg 725.0lb | 353kg 778.0lb |
| HDW (WELDING AT THE ENDS) | 1 | 1 | 42kg 92.0lb | 50kg 110.0lb | 60kg 132.0lb | 107kg 234.0lb | 175kg 385.0lb | 210kg 462.0lb | | |
| SMALLER BIT SIZE | 116mm 4.57" | 89mm 3.50" | 96mm 3.78" | 117mm 4.61" | 111mm 4.37" | 131mm 5.16" | 151mm 5.94" | 162mm 6.38" | 249mm 9.80" | 234mm 9.21" |
| LARGER BIT SIZE | 91mm 3.58" | 112mm 4.41" | 138mm 5.43" | 132mm 5.20" | 152mm 6.00" | 223mm 8.78" | 226mm 8.90" | 247mm 9.72" | 251mm 9.88" | 290mm 11.42" |
| TYPES OF SHANKS | SMALL | DRILL | DRILL | DRILL | DRILL | DRILL | DRILL | DRILL | DRILL | DRILL |
| THREAD CONNECTION TO BAR | 1/2" x 5/8" N | 2 1/8" Api Reg H | 2 1/8" Api Reg H | 2 1/2" Api Reg H | 2 1/2" Api Reg H | 2 1/2" Api Reg H | 2 1/2" Api Reg H | 2 1/2" Api Reg H | 2 1/4" Seco H | 2 1/4" Seco H |

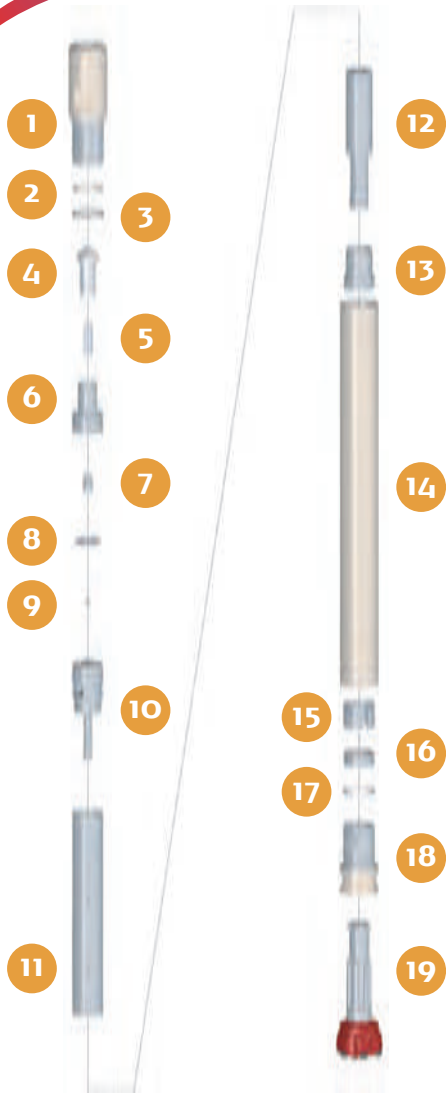
S: STANDARD EXTERNAL DIAMETER; HD: LARGER EXTERNAL DIAMETER; HDW: LARGER EXTERNAL DIAMETER AND WELDED AT THE ENDS; H: FEMALE THREAD; M: MALE THREAD

PUMA 2G BULROC 2

HAMMER

TYPE / S (Standard)

CODE / 0004020-000001



SPARE PARTS

| ITEM / DESCRIPTION | kg / | lb | CODE |
|------------------------------------|------|-------|----------------|
| 1 Backhead RD40 Box | 2.30 | 5.06 | 0104020-010001 |
| 2 Backhead Spacer ⁽¹⁾ | 0.01 | 0.02 | 0104020-020001 |
| 3 O'Ring | 0.01 | 0.02 | C180010-002032 |
| 4 Check Valve Dart | 0.08 | 0.18 | 0104020-040001 |
| 5 Check Valve Spring | 0.06 | 0.01 | 0104020-050001 |
| 6 Air Distributor | 0.30 | 0.67 | 0104020-060001 |
| 7 Valve centralizer | 0.02 | 0.04 | 0104020-080001 |
| 8 Disc Valve | 0.02 | 0.04 | 0104020-070001 |
| 9 Air Metering Plug ⁽²⁾ | 0.01 | 0.02 | 0104020-090001 |
| 10 Air Guide | 0.98 | 2.15 | 0104020-100001 |
| 11 Cylinder | 1.15 | 2.54 | 0104020-110001 |
| 12 Piston | 1.74 | 3.83 | 0104020-130001 |
| 13 Piston Guide | 0.42 | 0.94 | 0104020-140001 |
| 14 Wear Sleeve | 4.84 | 10.64 | 0104020-120001 |
| 15 Spacer | 0.18 | 0.40 | 0104020-150001 |
| 16 Bit Retainer | 0.15 | 0.33 | 0104020-160001 |
| 17 Chuck Seal | 0.01 | 0.02 | 0104020-170001 |
| 18 Chuck | 1.00 | 2.20 | 0104020-180001 |
| 19 Bit Bulroc 2 | - | - | - |

(1) Not installed in new hammers
(2) Consumption Regulator

GENERAL DESCRIPTION

| NET WEIGHT | | OUTSIDE DIAMETER | | HAMMER LENGTH | | HAMMER LENGTH WITH BIT | | | |
|------------|------|------------------|------|---------------|------|------------------------|------|--------------|------|
| | | | | | | CLOSED BIT | | EXTENDED BIT | |
| kg | lb | mm | in | mm | in | mm | in | mm | in |
| 13.5 | 29.7 | 62 | 2.44 | 794 | 31.2 | 850 | 33.4 | 873 | 34.3 |

| AIR CONSUMPTION | | | | | | | | | | | | |
|-----------------|-------|-----|-----|-----|-----|-----|----------------------|-----|------|------|------|------|
| PRESSURE | psig | 100 | 150 | 200 | 250 | 300 | barg | 6.9 | 10.3 | 13.8 | 17.2 | 20.7 |
| VOLUME | SCFM | 27 | 49 | 75 | 105 | 132 | m ³ /min | 0.8 | 1.4 | 2.1 | 3.0 | 3.7 |
| | SCFM* | 79 | 128 | 178 | 227 | 276 | m ³ /min* | 2.4 | 3.7 | 5.1 | 6.5 | 7.9 |

Check: 05/2018

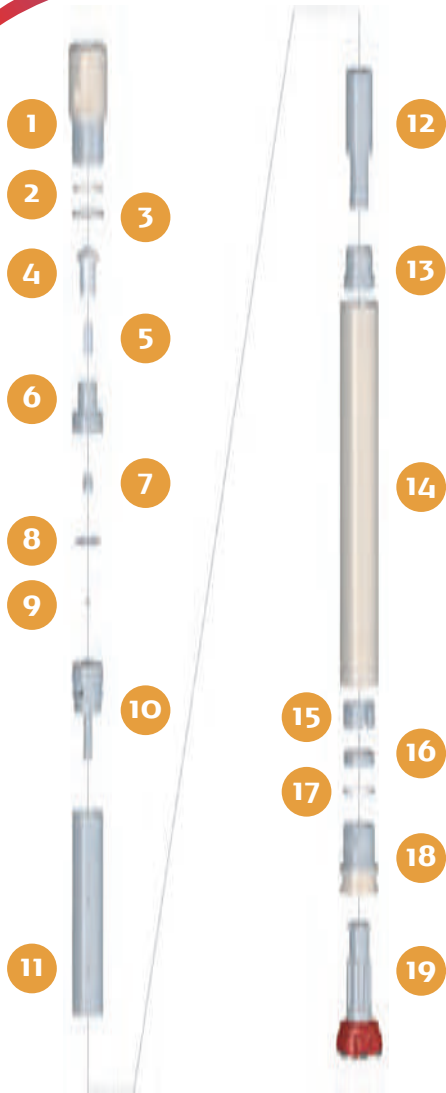
* Without consumption regulator

PUMA 2G BULROC 2

HAMMER

TYPE / S (Standard)

CODE / 0004020-000002



SPARE PARTS

| ITEM / DESCRIPTION | kg / | lb | CODE |
|------------------------------------|------|-------|----------------|
| 1 Backhead RD50 Box | 2.02 | 4.45 | 0104020-010002 |
| 2 Backhead Spacer ⁽¹⁾ | 0.01 | 0.02 | 0104020-020001 |
| 3 O'Ring | 0.01 | 0.02 | C180010-002032 |
| 4 Check Valve Dart | 0.08 | 0.18 | 0104020-040001 |
| 5 Check Valve Spring | 0.06 | 0.01 | 0104020-050001 |
| 6 Air Distributor | 0.30 | 0.67 | 0104020-060001 |
| 7 Valve centralizer | 0.02 | 0.04 | 0104020-080001 |
| 8 Disc Valve | 0.02 | 0.04 | 0104020-070001 |
| 9 Air Metering Plug ⁽²⁾ | 0.01 | 0.02 | 0104020-090001 |
| 10 Air Guide | 0.98 | 2.15 | 0104020-100001 |
| 11 Cylinder | 1.15 | 2.54 | 0104020-110001 |
| 12 Piston | 1.74 | 3.83 | 0104020-130001 |
| 13 Piston Guide | 0.42 | 0.94 | 0104020-140001 |
| 14 Wear Sleeve | 4.84 | 10.64 | 0104020-120001 |
| 15 Spacer | 0.18 | 0.40 | 0104020-150001 |
| 16 Bit Retainer | 0.15 | 0.33 | 0104020-160001 |
| 17 Chuck Seal | 0.01 | 0.02 | 0104020-170001 |
| 18 Chuck | 1.00 | 2.20 | 0104020-180001 |
| 19 Bit Bulroc 2 | - | - | - |

(1) Not installed in new hammers
(2) Consumption Regulator

GENERAL DESCRIPTION

| NET WEIGHT | | OUTSIDE DIAMETER | | HAMMER LENGTH | | HAMMER LENGTH WITH BIT | | | |
|------------|------|------------------|------|---------------|------|------------------------|------|--------------|------|
| | | | | | | CLOSED BIT | | EXTENDED BIT | |
| kg | lb | mm | in | mm | in | mm | in | mm | in |
| 13 | 28.6 | 62 | 2.44 | 794 | 31.2 | 850 | 33.4 | 873 | 34.3 |

| AIR CONSUMPTION | | | | | | | | | | | | |
|-----------------|-------|-----|-----|-----|-----|-----|----------------------|-----|------|------|------|------|
| PRESSURE | psig | 100 | 150 | 200 | 250 | 300 | barg | 6.9 | 10.3 | 13.8 | 17.2 | 20.7 |
| VOLUME | SCFM | 27 | 49 | 75 | 105 | 132 | m ³ /min | 0.8 | 1.4 | 2.1 | 3.0 | 3.7 |
| | SCFM* | 79 | 128 | 178 | 227 | 276 | m ³ /min* | 2.4 | 3.7 | 5.1 | 6.5 | 7.9 |

Check: 09/2018

* Without consumption regulator

PUMA 3.1 DHD 3.5

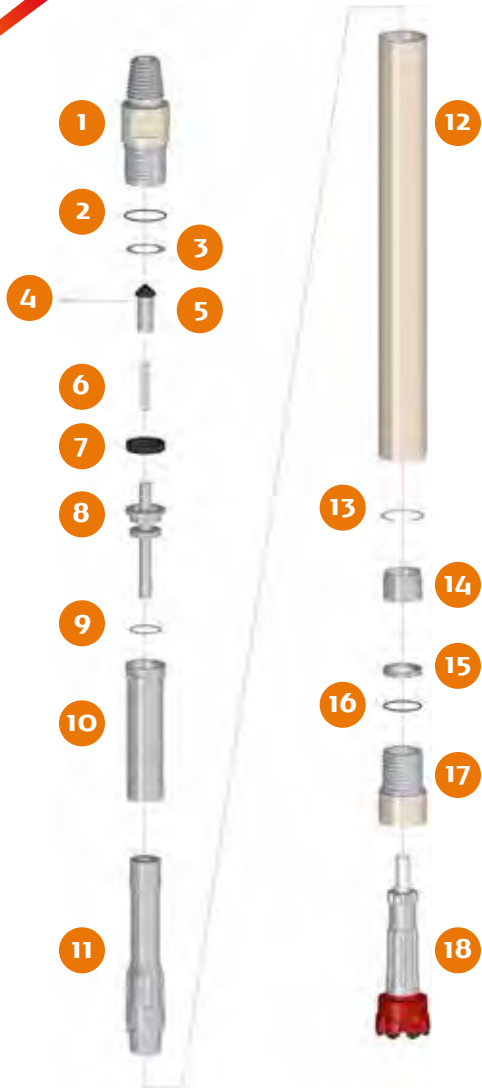
HAMMER TYPE / S (Standard) CODE / 0001030-000008



SPARE PARTS

| ITEM / DESCRIPTION | kg / | lb | CODE |
|--|------|------|----------------|
| 1 Backhead 2 3/8" API Reg. Pin ⁽¹⁾ | 4.1 | 9.0 | 0101030-010001 |
| 2 O'Ring | 0.0 | 0.0 | C180010-002145 |
| 3 Make Up Ring Shim ⁽²⁾ | 0.1 | 0.1 | 0101030-170000 |
| 4 Choke ⁽³⁾ | 0.0 | 0.0 | 0101030-040000 |
| 5 Check Valve Dart | 0.1 | 0.1 | 0101030-030000 |
| 6 Spring | 0.1 | 0.1 | 0101030-050000 |
| 7 Make up Ring | 0.1 | 0.1 | 0101030-060000 |
| 8 Air Distributor | 0.7 | 1.6 | 0101030-070000 |
| 9 O'Ring | 0.0 | 0.0 | C180010-002032 |
| 10 Cylinder | 1.3 | 2.9 | 0101030-090000 |
| 11 Piston DHD 3.5 | 4.7 | 10.5 | 0101030-110001 |
| 12 Wear Sleeve | 8.8 | 19.4 | 0101030-100000 |
| 13 Piston Retainer Ring | 0.0 | 0.0 | 0101030-120000 |
| 14 Bit Guide DHD 3.5 | 0.3 | 0.7 | 0101030-130001 |
| 15 Bit Retainer DHD 3.5 | 0.1 | 0.2 | 0101030-140000 |
| 16 O'Ring | 0.0 | 0.0 | C180010-002141 |
| 17 Chuck DHD 3.5 | 1.7 | 3.7 | 0101030-160002 |
| 18 Bit DHD 3.5 | - | - | - |

(1) Other thread types can be delivered at request.
 (2) Not installed in new hammers.
 (3) Different choke sizes are available.



GENERAL DESCRIPTION

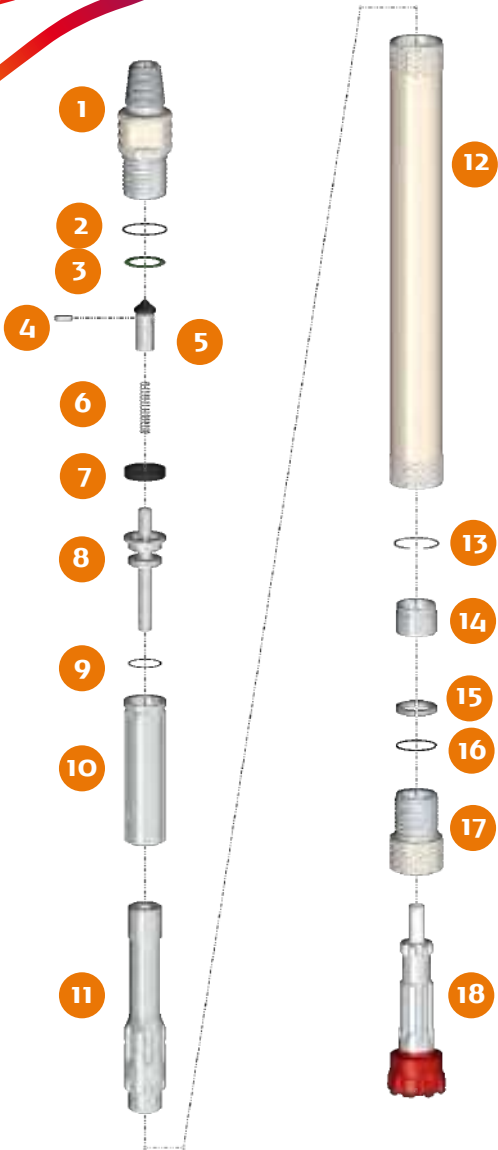
| NET WEIGHT | | OUTSIDE DIAMETER | | HAMMER LENGTH | | HAMMER LENGTH WITH BIT | | | |
|------------|----|------------------|------|---------------|------|------------------------|------|--------------|------|
| kg | lb | mm | in | mm | in | CLOSED BIT | | EXTENDED BIT | |
| mm | in | mm | in | mm | in | mm | in | mm | in |
| 22 | 49 | 79 | 3.11 | 829 | 32.6 | 897 | 35.3 | 930 | 36.6 |

| AIR CONSUMPTION | | | | | | | | | | | | |
|-----------------|------|-----|-----|-----|-----|-----|---------------------|------|------|------|------|------|
| PRESSURE | psig | 150 | 200 | 250 | 300 | 350 | barg | 10.3 | 13.8 | 17.2 | 20.7 | 24.1 |
| VOLUME | SCFM | 155 | 230 | 310 | 395 | 485 | m ³ /min | 4.4 | 6.5 | 8.8 | 11.2 | 13.7 |

Check: 09/2018

PUMA 3.1 DHD 3.5

HAMMER TYPE / HDW (Heavy Duty Welding) CODE / 0001030-020003



SPARE PARTS

| ITEM / DESCRIPTION | kg / | lb | CODE |
|--|------|------|----------------|
| 1 HDW Backhead 2 3/8" API Reg. Pin ⁽¹⁾ | 4.1 | 9.1 | 0101030-010008 |
| 2 O'Ring | 0.0 | 0.0 | C180010-002145 |
| 3 Make Up Ring Shim ⁽²⁾ | 0.1 | 0.1 | 0101030-170000 |
| 4 Choke ⁽³⁾ | 0.0 | 0.0 | 0101030-040000 |
| 5 Check Valve Dart | 0.1 | 0.1 | 0101030-030000 |
| 6 Spring | 0.1 | 0.1 | 0101030-050000 |
| 7 Make up Ring | 0.1 | 0.1 | 0101030-060000 |
| 8 Air Distributor | 0.7 | 1.6 | 0101030-070000 |
| 9 O'Ring | 0.0 | 0.0 | C180010-002032 |
| 10 Cylinder | 1.3 | 2.9 | 0101030-090000 |
| 11 Piston DHD 3.5 | 4.7 | 10.5 | 0101030-110001 |
| 12 HDW Wear Sleeve | 10.5 | 23.1 | 0101030-100001 |
| 13 Piston Retainer Ring | 0.0 | 0.0 | 0101030-120000 |
| 14 Bit Guide DHD 3.5 | 0.3 | 0.7 | 0101030-130001 |
| 15 Bit Retainer DHD 3.5 | 0.1 | 0.2 | 0101030-140000 |
| 16 O'Ring | 0.0 | 0.0 | C180010-002141 |
| 17 HDW Chuck DHD 3.5 | 1.9 | 4.2 | 0101030-160008 |
| 18 Bit DHD 3.5 | - | - | - |

(1) Other thread types can be delivered at request.

(2) Not installed in new hammers.

(3) Different Choke sizes are available.

GENERAL DESCRIPTION

| NET WEIGHT | | OUTSIDE DIAMETER | | HAMMER LENGTH | | HAMMER LENGTH WITH BIT | | | |
|------------|----|------------------|------|---------------|------|------------------------|------|--------------|------|
| kg | lb | mm | in | mm | in | CLOSED BIT | | EXTENDED BIT | |
| 24 | 53 | 84.5 | 3.29 | 829 | 32.6 | 897 | 35.3 | 930 | 36.6 |

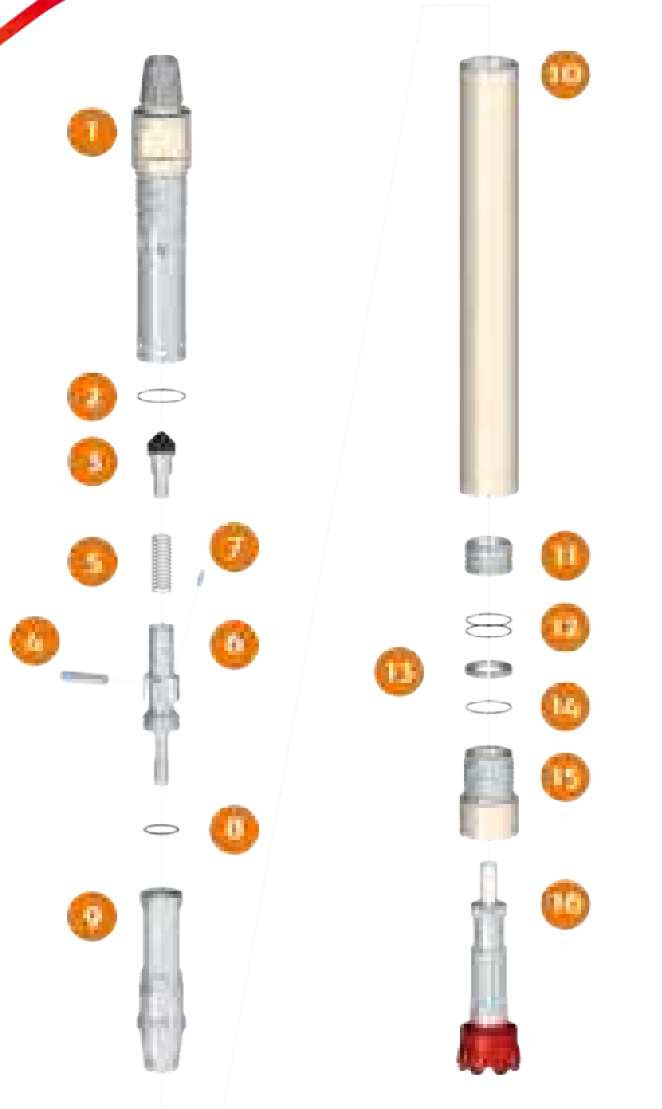
| AIR CONSUMPTION | | | | | | | | | | | | |
|-----------------|------|-----|-----|-----|-----|-----|---------------------|------|------|------|------|------|
| PRESSURE | psig | 150 | 200 | 250 | 300 | 350 | barg | 10.3 | 13.8 | 17.2 | 20.7 | 24.1 |
| VOLUME | SCFM | 155 | 230 | 310 | 395 | 485 | m ³ /min | 4.4 | 6.5 | 8.8 | 11.2 | 13.7 |

Check. 12/2022

PHONE: (56-2) 2431-2200 / www.drillco.com

PUMA M3.1 DHD 3.5

HAMMER TYPE / S (Standard) CODE / 0006030-000001



SPARE PARTS

| ITEM / DESCRIPTION | kg / | lb | CODE |
|---|------|------|----------------|
| 1 Backhead 2 3/8" Reg M ⁽¹⁾ | 7.3 | 16.2 | 0106030-010000 |
| 2 O'ring 2-145 | 0 | 0 | C180010-002145 |
| 3 Check Valve Dart | 0.2 | 0.4 | 0106040-030003 |
| 4 Pin | 0.1 | 0.2 | 0106030-200000 |
| 5 Check Valve Spring | 0.1 | 0.2 | 0106040-050002 |
| 6 Air Guide | 1.2 | 2.6 | 0106030-080000 |
| 7 Choke ⁽²⁾ | 0 | 0 | 0101030-040000 |
| 8 O'ring 2-224 | 0 | 0 | C180010-002224 |
| 9 Piston | 4.8 | 10.5 | 0106030-110000 |
| 10 Wear Sleeve | 8.8 | 19.4 | 0106030-100000 |
| 11 Bit Guide DHD-3.5 | 0.4 | 0.9 | 0106030-130000 |
| 12 O'ring 2-143 (Qty:2) | 0 | 0 | C180010-002143 |
| 13 Bit Retainer DHD-3.5 | 0.1 | 0.3 | 0106030-140000 |
| 14 O'ring 2-143 | 0 | 0 | C180010-002143 |
| 15 Chuck DHD-3.5 | 2.4 | 5.3 | 0106030-160000 |
| 16 Bit DHD-3.5 | - | - | - |

(1) Other thread types can be delivered at request
(2) Different Choke sizes are available

GENERAL DESCRIPTION

| NET WEIGHT | | OUTSIDE DIAMETER | | HAMMER LENGTH | | HAMMER LENGTH WITH BIT | | | |
|------------|----|------------------|-----|---------------|------|------------------------|------|--------------|------|
| kg | lb | mm | in | mm | in | CLOSED BIT | | EXTENDED BIT | |
| 25 | 55 | 85 | 3.3 | 760 | 29.9 | 826 | 32.5 | 860 | 33.9 |

| AIR CONSUMPTION | | | | | | | | | | | | | | |
|-----------------|------|-----|-----|-----|-----|-----|-----|---------------------|-----|------|------|------|------|------|
| PRESSURE | psig | 100 | 150 | 200 | 250 | 300 | 350 | barg | 6.9 | 10.3 | 13.8 | 17.2 | 20.7 | 24.1 |
| VOLUME | SCFM | 123 | 190 | 258 | 325 | 393 | 460 | m ³ /min | 3.5 | 5.4 | 7.3 | 9.2 | 11.2 | 13.1 |

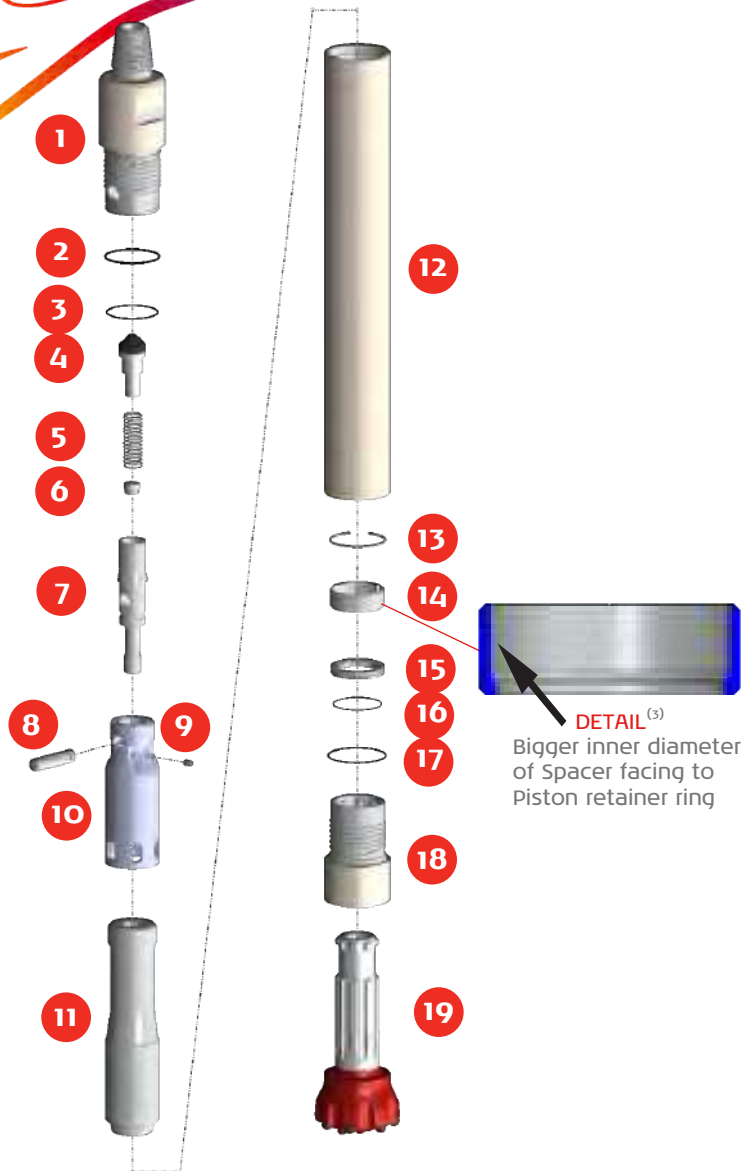
Check 11/2017

PHONE: (56-2) 2431-2211; (56-2) 2431-2200 / www.drillco.com

PUMA 4.2HP DHD-340

HAMMER TYPE / S (Standard)

CODE / 0026040-000012



SPARE PARTS

| ITEM / DESCRIPTION | kg | lb | CODE |
|--|-------|-------|----------------|
| 1 Backhead Cubex-24 Pin 2E ⁽¹⁾ | 8.17 | 18.01 | 0126040-010019 |
| 2 O'ring | 0 | 0 | C180012-002234 |
| 3 O'ring | 0 | 0 | C180012-002150 |
| 4 Check Valve Dart | 0.2 | 0.6 | 0106040-030003 |
| 5 Check Valve Spring | 0.1 | 0.2 | 0106040-050002 |
| 6 Spring Rest | 0 | 0 | 0126040-180002 |
| 7 Air Guide | 0.8 | 1.8 | 0126040-070007 |
| 8 Pin | 0.2 | 0.4 | 0126040-040002 |
| 9 Choke ⁽²⁾ | 0 | 0 | 0126040-080001 |
| 10 Cylinder | 1.8 | 3.9 | 0126040-100003 |
| 11 Piston DHD-340 | 8.83 | 19.4 | 0126040-110006 |
| 12 Wear Sleeve 2E-3E | 13.85 | 30.53 | 0126040-120016 |
| 13 Round Snap Ring | 0.1 | 0.1 | 0126040-140002 |
| 14 Spacer DHD-340 | 0.18 | 0.39 | 0126040-190001 |
| 15 Bit retainer DHD-340 | 0.18 | 0.39 | 0126040-150005 |
| 16 O'ring | 0 | 0 | C180012-002039 |
| 17 O'ring | 0 | 0 | C180010-002152 |
| 18 Chuck DHD-340 3E | 3.65 | 8.04 | 0126040-170012 |
| 19 Bit DHD-340 | - | - | - |

(1) Other thread types can be delivered at request

(2) Different Choke sizes are available

(3) See DETAIL in the exploded view to place the spacer in the right position

GENERAL DESCRIPTION

| NET WEIGHT | | OUTSIDE DIAMETER | | HAMMER LENGTH | | HAMMER LENGTH WITH BIT | | | |
|------------|-------|------------------|------|---------------|-------|------------------------|-------|--------------|-------|
| kg | lb | mm | in | mm | in | CLOSED BIT | | EXTENDED BIT | |
| mm | in | mm | in | mm | in | mm | in | mm | in |
| 34.9 | 76.94 | 100 | 3.93 | 858 | 33.77 | 947 | 37.28 | 981.2 | 38.63 |

AIR CONSUMPTION

| PRESSURE | psig | 250 | 300 | 350 | 400 | 450 | 500 | barg | 17.2 | 20.7 | 24.1 | 27.6 | 31.0 | 34.5 |
|----------|------|-----|-----|-----|-----|-----|-----|---------------------|------|------|------|------|------|------|
| VOLUME | SCFM | 349 | 432 | 515 | 599 | 682 | 765 | m ³ /min | 10.1 | 12.5 | 14.9 | 17.3 | 19.7 | 22.1 |

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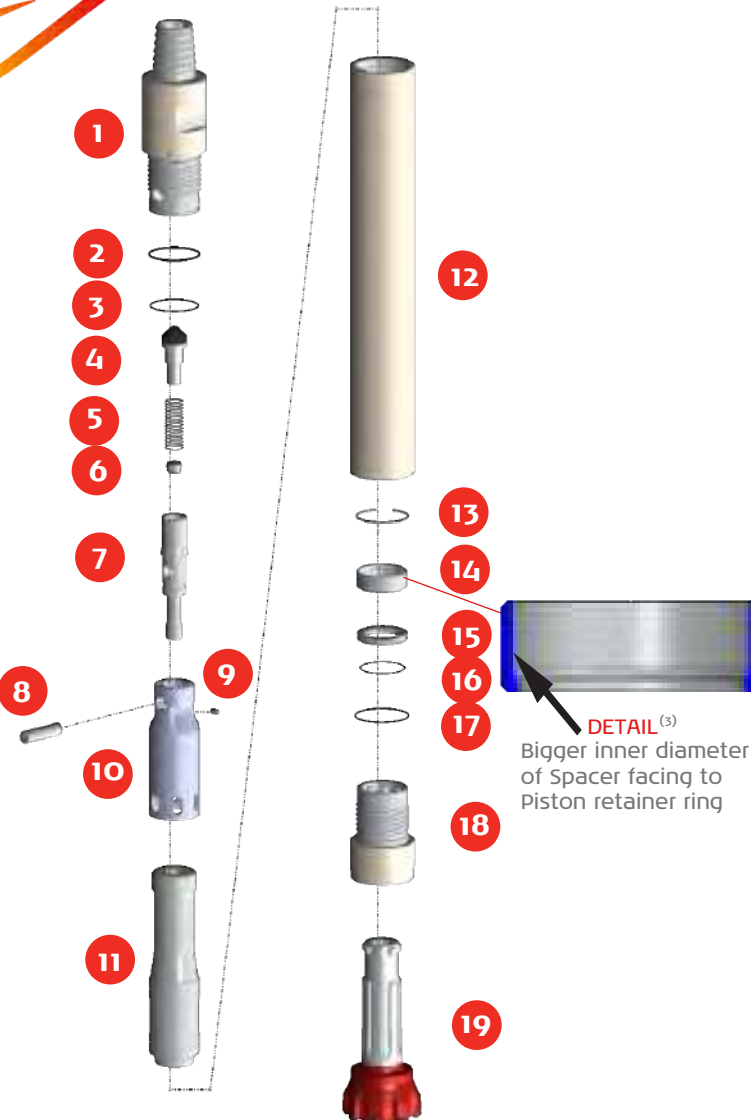
PHONE: (56-2) 2431-2200 / www.drillco.com

PUMA 4.2HP RQ DHD-340

HAMMER

TYPE / HD (Heavy Duty)

CODE / 0026040-010003



SPARE PARTS

| ITEM / DESCRIPTION | kg | lb | CODE |
|---|------|-------|----------------|
| 1 Backhead HD Cubex-24 Pin 2E ⁽¹⁾ | 8.56 | 18.87 | 0126040-010020 |
| 2 O'ring | 0 | 0 | C180012-002234 |
| 3 O'ring | 0 | 0 | C180012-002150 |
| 4 Check Valve Dart | 0.2 | 0.6 | 0106040-030003 |
| 5 Check Valve Spring | 0.1 | 0.2 | 0106040-050002 |
| 6 Spring Rest | 0 | 0 | 0126040-180002 |
| 7 Air Guide | 0.8 | 1.8 | 0126040-070007 |
| 8 Pin | 0.2 | 0.4 | 0126040-040002 |
| 9 Choke ⁽²⁾ | 0 | 0 | 0126040-080001 |
| 10 Cylinder | 1.8 | 3.9 | 0126040-100003 |
| 11 Piston DHD-340 | 8.83 | 19.4 | 0126040-110006 |
| 12 Wear Sleeve HD 2E-3E | 16.4 | 36.2 | 0126040-120017 |
| 13 Round Snap Ring | 0.1 | 0.1 | 0126040-140002 |
| 14 Spacer DHD-340 | 0.18 | 0.39 | 0126040-190001 |
| 15 Bit retainer DHD-340 | 0.18 | 0.39 | 0126040-150005 |
| 16 O'ring | 0 | 0 | C180012-002039 |
| 17 O'ring | 0 | 0 | C180010-002152 |
| 18 Chuck HD DHD-340 3E | 3.83 | 8.44 | 0126040-170013 |
| 19 Bit DHD-340 | - | - | - |

DETAIL⁽³⁾
Bigger inner diameter of Spacer facing to Piston retainer ring

(1) Other thread types can be delivered at request
 (2) Different Choke sizes are available
 (3) See DETAIL in the exploded view to place the Spacer in the right position

GENERAL DESCRIPTION

| NET WEIGHT | | OUTSIDE DIAMETER | | HAMMER LENGTH | | HAMMER LENGTH WITH BIT | | | |
|------------|-------|------------------|------|---------------|-------|------------------------|-------|--------------|-------|
| kg | lb | mm | in | mm | in | CLOSED BIT | | EXTENDED BIT | |
| 41 | 90.39 | 103 | 4.05 | 858 | 33.77 | 947 | 37.28 | 981.2 | 38.63 |

AIR CONSUMPTION

| PRESSURE | psig | 250 | 300 | 350 | 400 | 450 | 500 | barg | 17.2 | 20.7 | 24.1 | 27.6 | 31.0 | 34.5 |
|----------|------|-----|-----|-----|-----|-----|-----|---------------------|------|------|------|------|------|------|
| VOLUME | SCFM | 349 | 432 | 515 | 599 | 682 | 765 | m ³ /min | 10.1 | 12.5 | 14.9 | 17.3 | 19.7 | 22.1 |

Check 12/2023

PHONE: (56-2) 2431-2200 / www.drillco.com

PUMA 4.2HP RQ DHD-340

HAMMER TYPE/OD98

CODE /0026040-190004



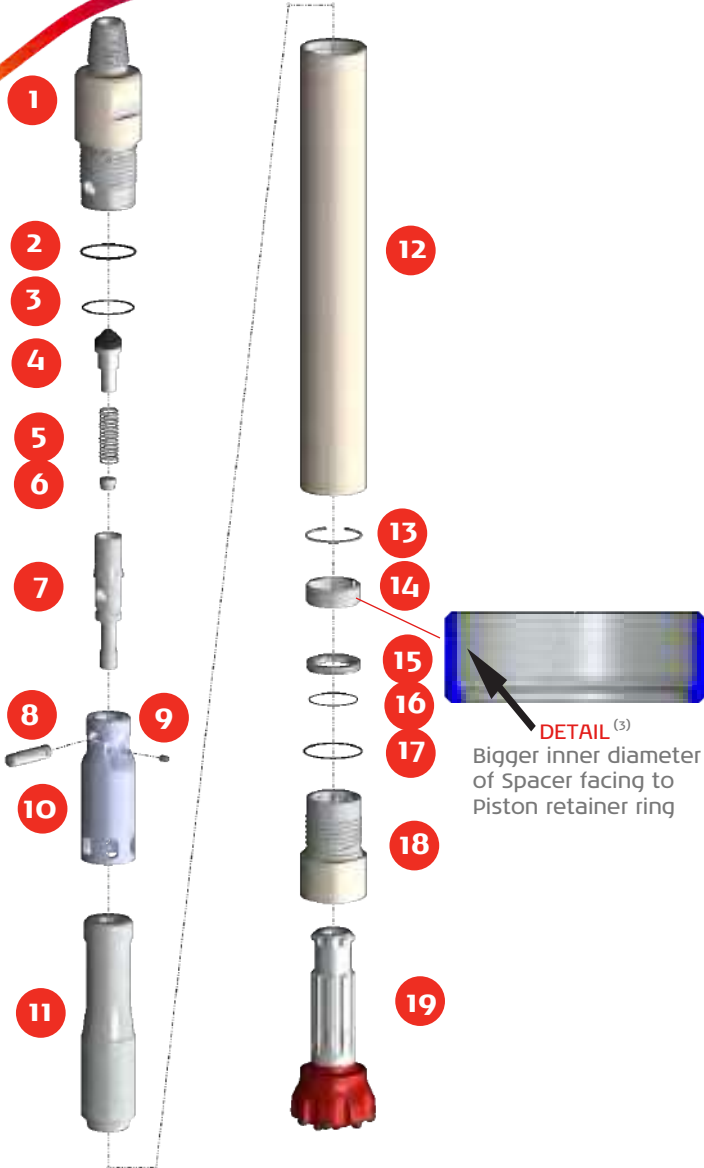
SPARE PARTS

| ITEM / DESCRIPTION | kg / | lb | CODE |
|---|------|------|----------------|
| 1 Backhead OD98 2 3/8" Reg Pin ⁽¹⁾ 2E | 6.9 | 15.2 | 0126040-010018 |
| 2 O'ring | 0 | 0 | C180012-002234 |
| 3 O'ring | 0 | 0 | C180012-002150 |
| 4 Check Valve Dart | 0.2 | 0.6 | 0106040-030003 |
| 5 Check Valve Spring | 0.1 | 0.2 | 0106040-050002 |
| 6 Spring Rest with groove | 0 | 0 | 0126040-180002 |
| 7 Air Guide | 0.8 | 1.8 | 0126040-070007 |
| 8 Pin | 0.2 | 0.4 | 0126040-040002 |
| 9 Choke ⁽²⁾ | 0 | 0 | 0126040-080001 |
| 10 Cylinder | 1.8 | 3.9 | 0126040-100003 |
| 11 Piston DHD-340 | 8.83 | 19.4 | 0126040-110006 |
| 12 Wear Sleeve OD98 2E-3E | 12.2 | 26.8 | 0126040-120015 |
| 13 Piston retainer Ring | 0.1 | 0.1 | 0126040-140002 |
| 14 Spacer DHD-340 | 0.18 | 0.39 | 0126040-190001 |
| 15 Bit retainer DHD-340 | 0.18 | 0.39 | 0126040-150005 |
| 16 O'ring | 0 | 0 | C180012-002039 |
| 17 O'ring | 0 | 0 | C180010-002152 |
| 18 Chuck OD98 DHD-340 3E | 3.5 | 7.7 | 0126040-170019 |
| 19 Bit DHD-340 | - | - | - |

(1) Other thread types can be delivered at request

(2) Different Choke sizes are available

(3) See DETAIL in the exploded view to place the Spacer in the right position



GENERAL DESCRIPTION

| NET WEIGHT | | OUTSIDE DIAMETER | | HAMMER LENGTH | | HAMMER LENGTH WITH BIT | | | |
|------------|-------|------------------|------|---------------|------|------------------------|------|--------------|------|
| | | | | | | CLOSED BIT | | EXTENDED BIT | |
| kg | lb | mm | in | mm | in | mm | in | mm | in |
| 34.9 | 76.94 | 98 | 3.86 | 839 | 33.0 | 928 | 36.6 | 962.7 | 37.9 |

AIR CONSUMPTION

| PRESSURE | psig | 250 | 300 | 350 | 400 | 450 | 500 | barg | 17.2 | 20.7 | 24.1 | 27.6 | 31.0 | 34.5 |
|----------|------|-----|-----|-----|-----|-----|-----|---------------------|------|------|------|------|------|------|
| VOLUME | SCFM | 349 | 432 | 515 | 599 | 682 | 765 | m ³ /min | 10.1 | 12.5 | 14.9 | 17.3 | 19.7 | 22.1 |

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PHONE: (56-2) 2431-2200 / www.drillco.com

PUMA 4.2HP RQ DHD-340

HAMMER TYPE/OD98

CODE /0026040-190005



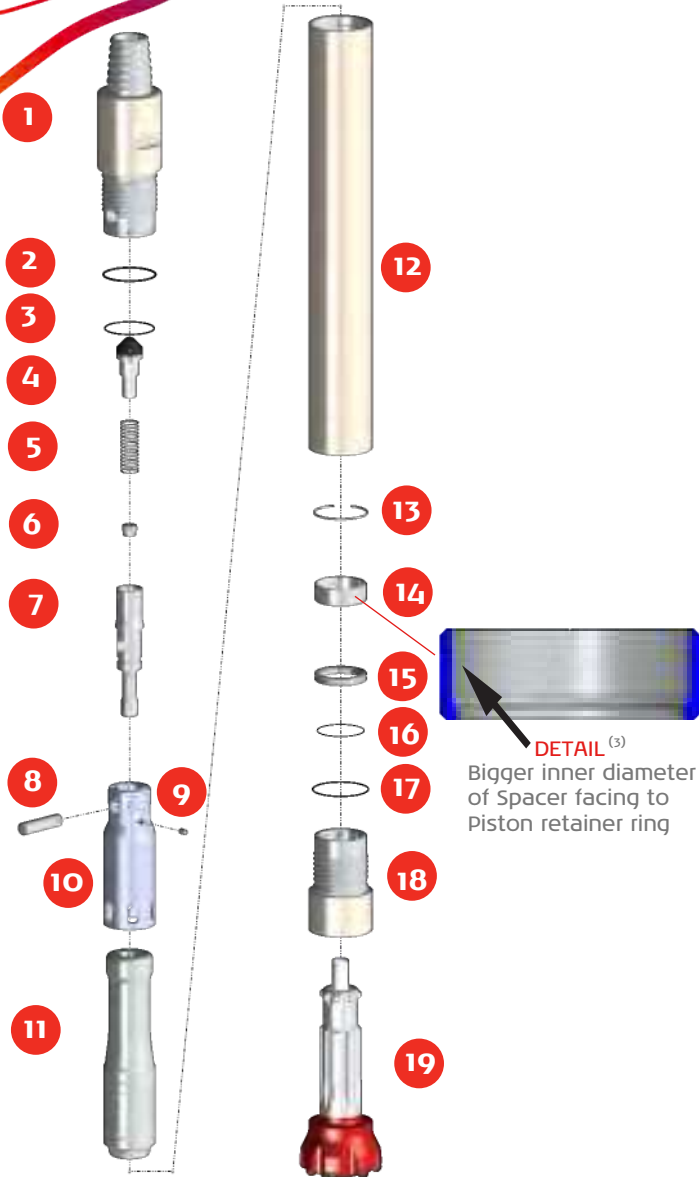
SPARE PARTS

| ITEM / DESCRIPTION | kg / | lb | CODE |
|---|------|-------|----------------|
| 1 Backhead OD98 CUBEX-24 Pin 2E ⁽¹⁾ | 8.56 | 18.87 | 0126040-010022 |
| 2 O'ring | 0 | 0 | C180012-002234 |
| 3 O'ring | 0 | 0 | C180012-002150 |
| 4 Check Valve Dart | 0.2 | 0.6 | 0106040-030003 |
| 5 Check Valve Spring | 0.1 | 0.2 | 0106040-050002 |
| 6 Spring Rest with groove | 0 | 0 | 0126040-180002 |
| 7 Air Guide | 0.8 | 1.8 | 0126040-070007 |
| 8 Pin | 0.2 | 0.4 | 0126040-040002 |
| 9 Choke ⁽²⁾ | 0 | 0 | 0126040-080001 |
| 10 Cylinder | 1.8 | 3.9 | 0126040-100003 |
| 11 Piston DHD-340 | 8.83 | 19.4 | 0126040-110006 |
| 12 Wear Sleeve OD98 2E-3E | 12.2 | 26.8 | 0126040-120015 |
| 13 Piston retainer Ring | 0.1 | 0.1 | 0126040-140002 |
| 14 Spacer DHD-340 | 0.18 | 0.39 | 0126040-190001 |
| 15 Bit retainer DHD-340 | 0.18 | 0.39 | 0126040-150005 |
| 16 O'ring | 0 | 0 | C180012-002039 |
| 17 O'ring | 0 | 0 | C180010-002152 |
| 18 Chuck OD98 DHD-340 3E | 3.5 | 7.7 | 0126040-170019 |
| 19 Bit DHD-340 | - | - | - |

(1) Other thread types can be delivered at request

(2) Different Choke sizes are available

(3) See DETAIL in the exploded view to place the Spacer in the right position



GENERAL DESCRIPTION

| NET WEIGHT | | OUTSIDE DIAMETER | | HAMMER LENGTH | | HAMMER LENGTH WITH BIT | | | |
|------------|-------|------------------|------|---------------|------|------------------------|------|--------------|------|
| | | | | | | CLOSED BIT | | EXTENDED BIT | |
| kg | lb | mm | in | mm | in | mm | in | mm | in |
| 35.86 | 79.05 | 98 | 3.86 | 839 | 33.0 | 928 | 36.6 | 962.7 | 37.9 |

AIR CONSUMPTION

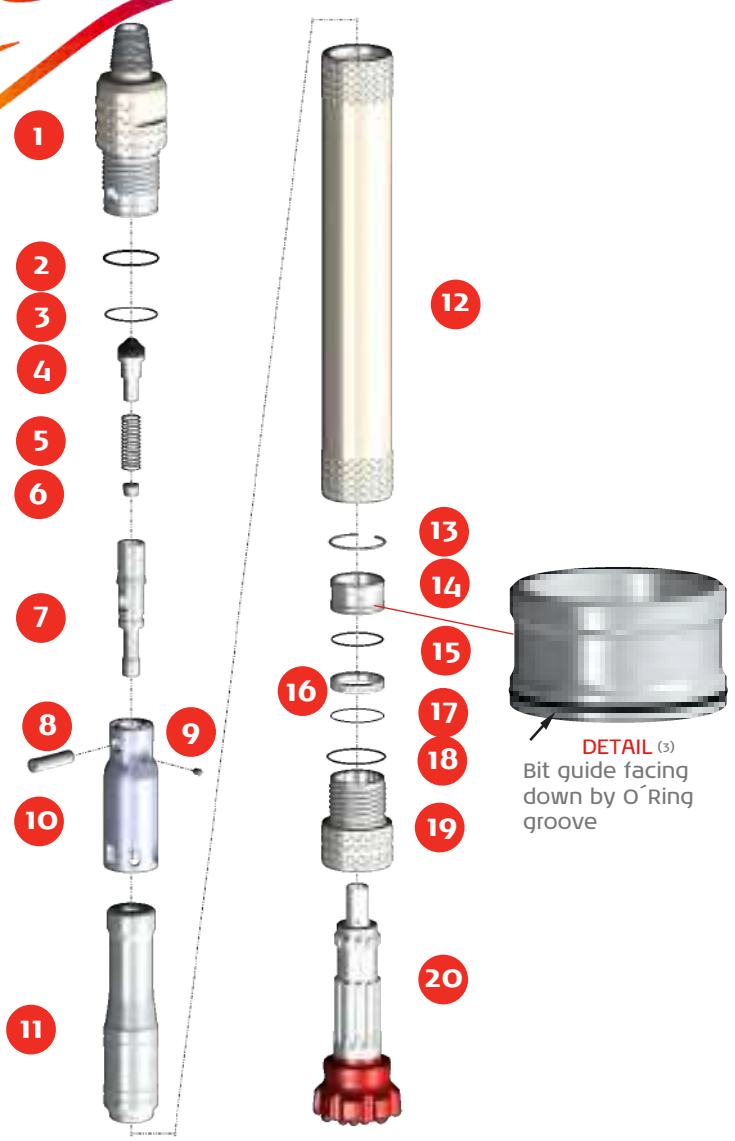
| PRESSURE | psig | 250 | 300 | 350 | 400 | 450 | 500 | barg | 17.2 | 20.7 | 24.1 | 27.6 | 31.0 | 34.5 |
|----------|------|-----|-----|-----|-----|-----|-----|---------------------|------|------|------|------|------|------|
| VOLUME | SCFM | 349 | 432 | 515 | 599 | 682 | 765 | m ³ /min | 10.1 | 12.5 | 14.9 | 17.3 | 19.7 | 22.1 |

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PHONE: (56-2) 2431-2200 / www.drillco.com

PUMA 4.2HP RQ TD40

HAMMERTYPE /HDW (Heavy duty welding) CODE /0026040-020002



SPARE PARTS

| ITEM / DESCRIPTION | kg / | lb | CODE |
|--|------|------|----------------|
| 1 Backhead HDW 2 3/8" Reg Pin ⁽¹⁾ 2E | 7.7 | 16.9 | 0126040-010010 |
| 2 O'ring | 0 | 0 | C180012-002234 |
| 3 O'ring | 0 | 0 | C180012-002150 |
| 4 Check Valve Dart | 0.2 | 0.6 | 0106040-030003 |
| 5 Check Valve Spring | 0.1 | 0.2 | 0106040-050002 |
| 6 Spring Rest with groove | 0 | 0 | 0126040-180002 |
| 7 Air Guide | 0.8 | 1.8 | 0126040-070007 |
| 8 Pin | 0.2 | 0.4 | 0126040-040002 |
| 9 Choke ⁽²⁾ | 0 | 0 | 0126040-080001 |
| 10 Cylinder | 1.8 | 3.9 | 0126040-100003 |
| 11 Piston TD40 | 8.8 | 19.3 | 0126040-110004 |
| 12 Wear Sleeve HDW 2E-3E | 16.6 | 36.5 | 0126040-120011 |
| 13 Round Snap Ring | 0.1 | 0.1 | 0126040-140002 |
| 14 Bit guide TD40 | 0.4 | 0.8 | 0126040-130004 |
| 15 O'ring | 0 | 0 | C180012-002150 |
| 16 Bit Retainer TD40 | 0.2 | 0.5 | 0126040-150008 |
| 17 O'Ring | 0 | 0 | C180010-002039 |
| 18 O'Ring | 0 | 0 | C180010-002152 |
| 19 Chuck HDW TD40 3E | 3.3 | 7.2 | 0126040-170009 |
| 20 Bit TD40 | - | - | - |



DETAIL ⁽³⁾
Bit guide facing
down by O'Ring
groove

(1) Other thread types can be delivered at request
(2) Different Choke sizes are available
(3) See DETAIL in the exploded view to place the Bit guide with O'Ring in the right position

GENERAL DESCRIPTION

| NET WEIGHT | | OUTSIDE DIAMETER | | HAMMER LENGTH | | HAMMER LENGTH WITH BIT | | | |
|------------|----|------------------|------|---------------|------|------------------------|------|--------------|----|
| | | | | | | CLOSED BIT | | EXTENDED BIT | |
| kg | lb | mm | in | mm | in | mm | in | mm | in |
| 39 | 86 | 106 | 4.17 | 839 | 33.0 | 930 | 36.6 | 961 | 38 |

AIR CONSUMPTION

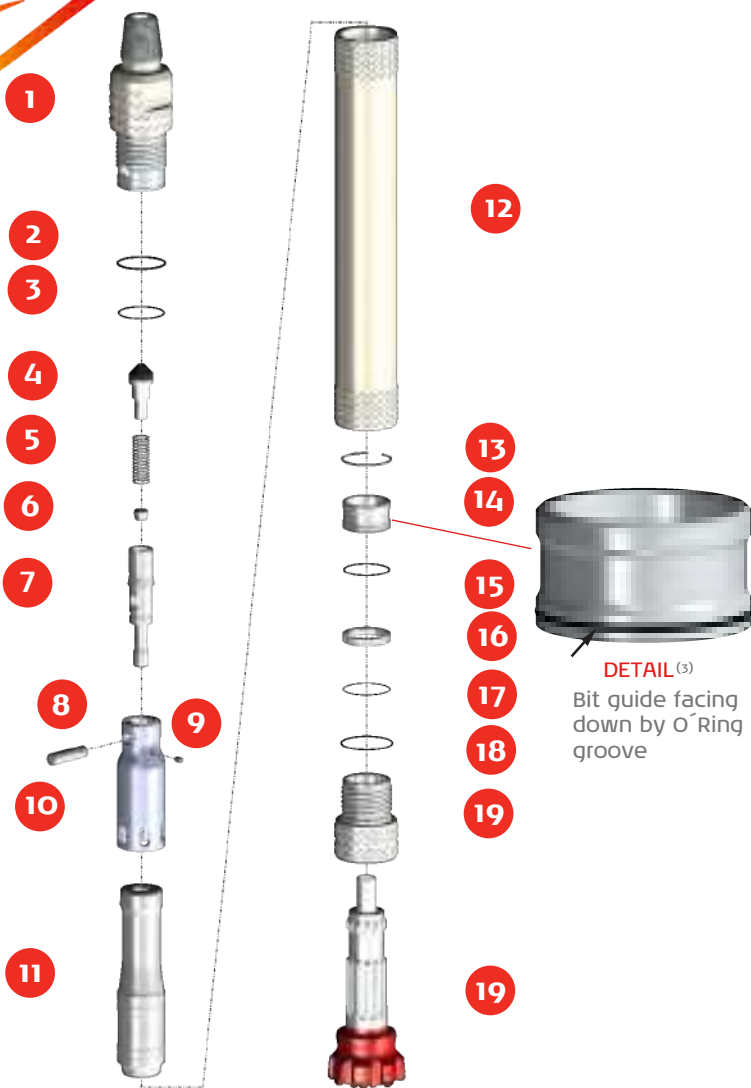
| PRESSURE | psig | 250 | 300 | 350 | 400 | 450 | 500 | barg | 17.2 | 20.7 | 24.1 | 27.6 | 31.0 | 34.5 |
|----------|------|-----|-----|-----|-----|-----|-----|---------------------|------|------|------|------|------|------|
| VOLUME | SCFM | 349 | 432 | 515 | 599 | 682 | 765 | m ³ /min | 10.1 | 12.5 | 14.9 | 17.3 | 19.7 | 22.1 |

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PHONE: (56-2) 2431-2200 / www.drillco.com

PUMA 4.2HP RQ TD40

HAMMERTYPE / HDW (Heavy duty welding) CODE /0026040-020003



SPARE PARTS

| ITEM / DESCRIPTION | kg / | lb | CODE |
|--|------|------|----------------|
| 1 Backhead HDW 2 7/8" Reg Pin ⁽¹⁾ 2E | 8 | 17.6 | 0126040-010014 |
| 2 O'ring | 0 | 0 | C180012-002234 |
| 3 O'ring | 0 | 0 | C180012-002150 |
| 4 Check Valve Dart | 0.2 | 0.6 | 0106040-030003 |
| 5 Check Valve Spring | 0.1 | 0.2 | 0106040-050002 |
| 6 Spring Rest with groove | 0 | 0 | 0126040-180002 |
| 7 Air Guide | 0.8 | 1.8 | 0126040-070007 |
| 8 Pin | 0.2 | 0.4 | 0126040-040002 |
| 9 Choke ⁽²⁾ | 0 | 0 | 0126040-080001 |
| 10 Cylinder | 1.8 | 3.9 | 0126040-100003 |
| 11 Piston TD40 | 8.8 | 19.3 | 0126040-110004 |
| 12 Wear Sleeve HDW 2E-3E | 16.6 | 36.5 | 0126040-120011 |
| 13 Round Snap Ring | 0.1 | 0.1 | 0126040-140002 |
| 14 Bit guide TD40 | 0.4 | 0.8 | 0126040-130004 |
| 15 O'ring | 0 | 0 | C180012-002150 |
| 16 Bit Retainer TD40 | 0.2 | 0.5 | 0126040-150008 |
| 17 O'Ring | 0 | 0 | C180010-002039 |
| 18 O'Ring | 0 | 0 | C180010-002152 |
| 18 Chuck HDW TD40 3E | 3.3 | 7.2 | 0126040-170009 |
| 19 Bit TD40 | - | - | - |



DETAIL ⁽³⁾
Bit guide facing
down by O'Ring
groove

(1) Other thread types can be delivered at request
 (2) Different Choke sizes are available
 (3) See DETAIL in the exploded view to place the Bit guide with O'Ring in the right position

GENERAL DESCRIPTION

| NET WEIGHT | | OUTSIDE DIAMETER | | HAMMER LENGTH | | HAMMER LENGTH WITH BIT | | | |
|------------|----|------------------|------|---------------|------|------------------------|----|--------------|------|
| kg | lb | mm | in | mm | in | CLOSED BIT | | EXTENDED BIT | |
| 39 | 86 | 106 | 4.17 | 851 | 33.5 | 942 | 37 | 971 | 38.2 |

AIR CONSUMPTION

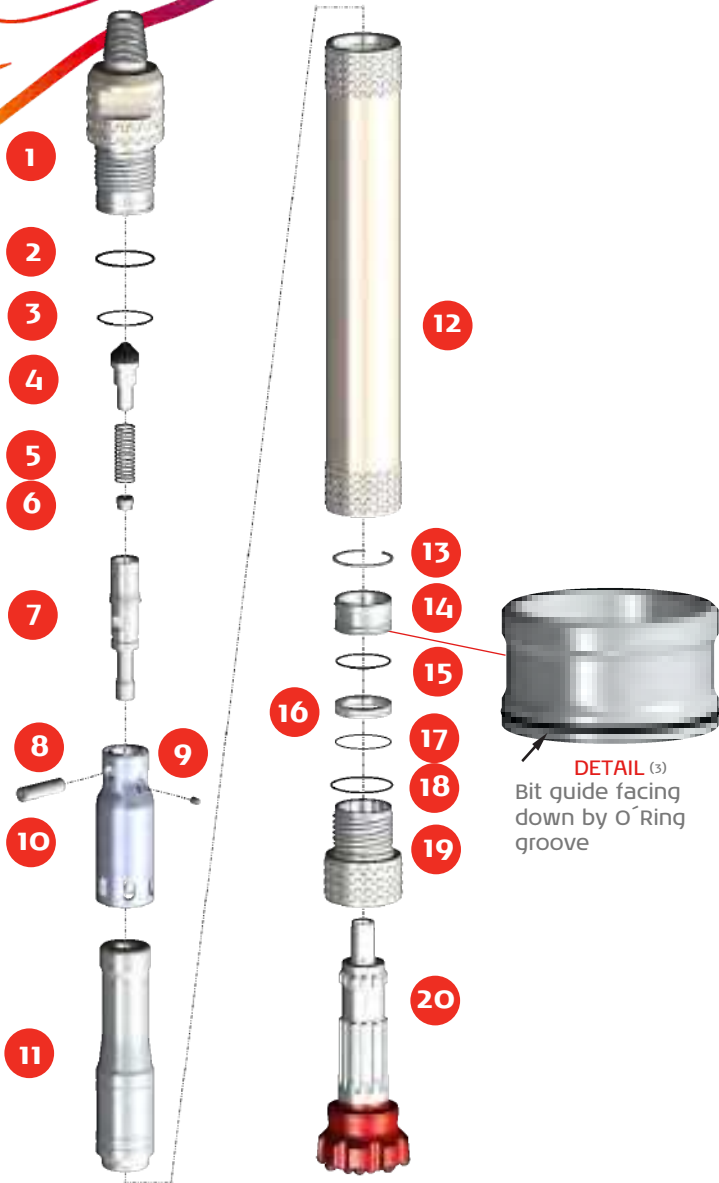
| PRESSURE | psig | 250 | 300 | 350 | 400 | 450 | 500 | barg | 17.2 | 20.7 | 24.1 | 27.6 | 31.0 | 34.5 |
|----------|------|-----|-----|-----|-----|-----|-----|---------------------|------|------|------|------|------|------|
| VOLUME | SCFM | 349 | 432 | 515 | 599 | 682 | 765 | m ³ /min | 10.1 | 12.5 | 14.9 | 17.3 | 19.7 | 22.1 |

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PHONE: (56-2) 2431-2200 / www.drillco.com

PUMA 4.2HP RQ TD40

HAMMER TYPE /EHDW (Extra Heavy duty welding) CODE /0026040-130001



SPARE PARTS

| ITEM / DESCRIPTION | kg / | lb | CODE |
|---|-------|------|----------------|
| 1 Backhead EHDW 2 3/8" Reg Pin ⁽¹⁾ 2E | 7.8 | 17.2 | 0126040-010023 |
| 2 O'ring | 0 | 0 | C180012-002234 |
| 3 O'ring | 0 | 0 | C180012-002150 |
| 4 Check Valve Dart | 0.2 | 0.6 | 0106040-030003 |
| 5 Check Valve Spring | 0.1 | 0.2 | 0106040-050002 |
| 6 Spring Rest with groove | 0 | 0 | 0126040-180002 |
| 7 Air Guide | 0.8 | 1.8 | 0126040-070007 |
| 8 Pin | 0.2 | 0.4 | 0126040-040002 |
| 9 Choke ⁽²⁾ | 0 | 0 | 0126040-080001 |
| 10 Cylinder | 1.8 | 3.9 | 0126040-100003 |
| 11 Piston TD40 | 8.8 | 19.3 | 0126040-110004 |
| 12 Wear Sleeve EHDW 2E-3E | 17.95 | 39.6 | 0126040-120018 |
| 13 Piston Retainer Ring | 0.1 | 0.1 | 0126040-140002 |
| 14 Bit guide TD40 | 0.4 | 0.8 | 0126040-130004 |
| 15 O'ring | 0 | 0 | C180012-002150 |
| 16 Bit Retainer TD40 | 0.2 | 0.5 | 0126040-150008 |
| 17 O'Ring | 0 | 0 | C180010-002039 |
| 18 O'Ring | 0 | 0 | C180010-002152 |
| 19 Chuck EHDW TD40 3E | 3.47 | 7.65 | 0126040-170020 |
| 20 Bit TD40 | - | - | - |



(1) Other thread types can be delivered at request
 (2) Different Choke sizes are available
 (3) See DETAIL in the exploded view to place the Bit guide with O' Ring in the right position

GENERAL DESCRIPTION

| NET WEIGHT | | OUTSIDE DIAMETER | | HAMMER LENGTH | | HAMMER LENGTH WITH BIT | | | |
|------------|------|------------------|------|---------------|------|------------------------|------|--------------|----|
| | | | | | | CLOSED BIT | | EXTENDED BIT | |
| kg | lb | mm | in | mm | in | mm | in | mm | in |
| 41.5 | 91.5 | 108 | 4.25 | 839 | 33.0 | 930 | 36.6 | 961 | 38 |

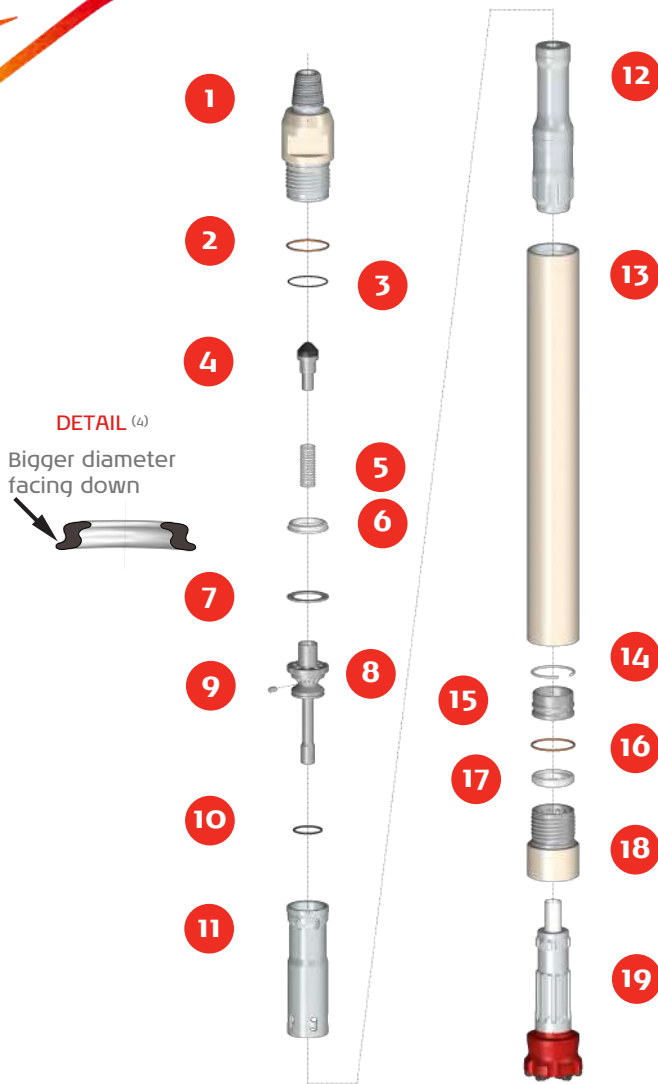
| AIR CONSUMPTION | | | | | | | | | | | | | | |
|-----------------|------|-----|-----|-----|-----|-----|-----|---------------------|------|------|------|------|------|------|
| PRESSURE | psig | 250 | 300 | 350 | 400 | 450 | 500 | barg | 17.2 | 20.7 | 24.1 | 27.6 | 31.0 | 34.5 |
| VOLUME | SCFM | 349 | 432 | 515 | 599 | 682 | 765 | m ³ /min | 10.1 | 12.5 | 14.9 | 17.3 | 19.7 | 22.1 |

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PHONE: (56-2) 2431-2200 / www.drillco.com

PUMA 4HP SYM TD40

HAMMER TYPE / S (Standard) CODE / 0026040-000004



SPARE PARTS

| ITEM / DESCRIPTION | kg | lb | CODE |
|---|------|------|--|
| 1 Backhead 2 3/8" Reg Pin ⁽¹⁾ | 7.4 | 16.3 | 0126040-010006 |
| 2 O'ring | 0 | 0 | C180012-002234 |
| 3 O'ring | 0 | 0 | C180012-002150 |
| 4 Check Valve Dart | 0.2 | 0.6 | 0126040-030001 |
| 5 Check Valve Spring | 0.1 | 0.2 | 0106040-050002 |
| 6 Compression Ring ⁽⁴⁾ | 0.1 | 0.3 | 0126040-060001 |
| 7 Shim ⁽²⁾ (2mm) (2.25mm) (2.5mm) (2.8mm) | 0.1 | 0.1 | 0126040-020005 0126040-020006 0126040-020007 0126040-020008 |
| 8 Air Guide | 1.4 | 3.1 | 0126040-070008 |
| 9 Choke ⁽³⁾ | 0 | 0 | 0106040-040001 |
| 10 O'ring | 0 | 0 | C180012-002226 |
| 11 Cylinder | 1.9 | 4.1 | 0126040-100004 |
| 12 Piston TD40 | 8.1 | 17.7 | 0126040-110005 |
| 13 Wear Sleeve | 16.6 | 36.5 | 0126040-120005 |
| 14 Round Snap Ring | 0.1 | 0.1 | 0126040-140001 |
| 15 Guide Bush TD40 | 0.4 | 0.9 | 0126040-130003 |
| 16 O'ring | 0 | 0 | C180012-002235 |
| 17 Bit Retainer TD40 | 0.2 | 0.4 | 0126040-150003 |
| 18 Driver sub TD40 | 3.0 | 6.6 | 0126040-170003 |
| 19 Bit TD40 | - | - | - |

(1) Other thread types can be delivered at request
 (2) only 1 according to maintenance sheet
 (3) Different Choke sizes are available
 (4) See DETAIL in the exploded view to place the Compression Ring in the Right position

GENERAL DESCRIPTION

| NET WEIGHT | | OUTSIDE DIAMETER | | HAMMER LENGTH | | HAMMER LENGTH WITH BIT | | | |
|------------|----|------------------|-----|---------------|------|------------------------|------|--------------|------|
| kg | lb | mm | in | mm | in | CLOSED BIT | | EXTENDED BIT | |
| kg | lb | mm | in | mm | in | mm | in | mm | in |
| 40 | 87 | 100 | 3.9 | 938 | 36.9 | 1024 | 40.3 | 1061 | 41.8 |

AIR CONSUMPTION

| PRESSURE | psig | 250 | 300 | 350 | 400 | 450 | barg | 17.2 | 20.7 | 24.1 | 27.6 | 31.0 |
|----------|------|-----|-----|-----|-----|-----|---------------------|------|------|------|------|------|
| VOLUME | SCFM | 419 | 518 | 619 | 722 | 826 | m ³ /min | 11.8 | 14.6 | 17.4 | 20.3 | 23.3 |

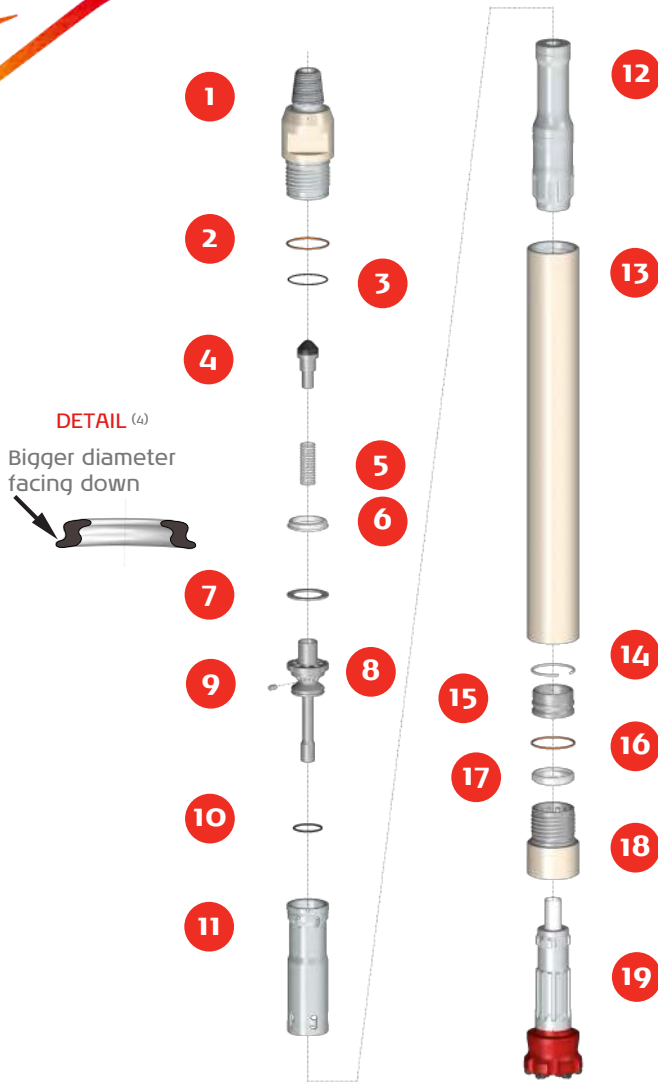
Check104/2022

PHONE: (56-2) 2431-2200 / www.drillco.com

PUMA 4HP SYM TD40

HAMMER TYPE / OD98

CODE / 0026040-190001



SPARE PARTS

| ITEM / DESCRIPTION | kg / | lb | CODE |
|---|-------|-------|--|
| 1 Backhead OD98 2 3/8" Reg Pin ⁽¹⁾ | 7.13 | 15.7 | 0126040-010008 |
| 2 O'ring | 0 | 0 | C180012-002234 |
| 3 O'ring | 0 | 0 | C180012-002150 |
| 4 Check Valve Dart | 0.2 | 0.6 | 0126040-030001 |
| 5 Check Valve Spring | 0.1 | 0.2 | 0106040-050002 |
| 6 Compression Ring ⁽⁴⁾ | 0.1 | 0.3 | 0126040-060001 |
| 7 Shim ⁽²⁾ (2mm) (2.25mm) (2.5mm) (2.8mm) | 0.1 | 0.1 | 0126040-020005 0126040-020006 0126040-020007 0126040-020008 |
| 8 Air Guide | 1.4 | 3.1 | 0126040-070008 |
| 9 Choke ⁽³⁾ | 0 | 0 | 0106040-040001 |
| 10 O'ring | 0 | 0 | C180012-002226 |
| 11 Cylinder | 1.9 | 4.1 | 0126040-100004 |
| 12 Piston TD40 | 8.1 | 17.7 | 0126040-110005 |
| 13 Wear Sleeve OD98 | 14.76 | 32.54 | 0126040-120007 |
| 14 Round Snap Ring | 0.1 | 0.1 | 0126040-140001 |
| 15 Guide Bush TD40 | 0.4 | 0.9 | 0126040-130003 |
| 16 O'ring | 0 | 0 | C180012-002235 |
| 17 Bit Retainer TD40 | 0.2 | 0.4 | 0126040-150003 |
| 18 Driver sub OD98 TD40 | 2.84 | 6.26 | 0126040-170005 |
| 19 Bit TD40 | - | - | - |

(1) Other thread types can be delivered at request
 (2) only 1 according to maintenance sheet
 (3) Different Choke sizes are available
 (4) See DETAIL in the exploded view to place the Compression Ring in the Right position

GENERAL DESCRIPTION

| NET WEIGHT | | OUTSIDE DIAMETER | | HAMMER LENGTH | | HAMMER LENGTH WITH BIT | | | |
|------------|-------|------------------|------|---------------|------|------------------------|------|--------------|------|
| | | | | | | CLOSED BIT | | EXTENDED BIT | |
| kg | lb | mm | in | mm | in | mm | in | mm | in |
| 39.2 | 86.42 | 98 | 3.86 | 938 | 36.9 | 1024 | 40.3 | 1061 | 41.8 |

AIR CONSUMPTION

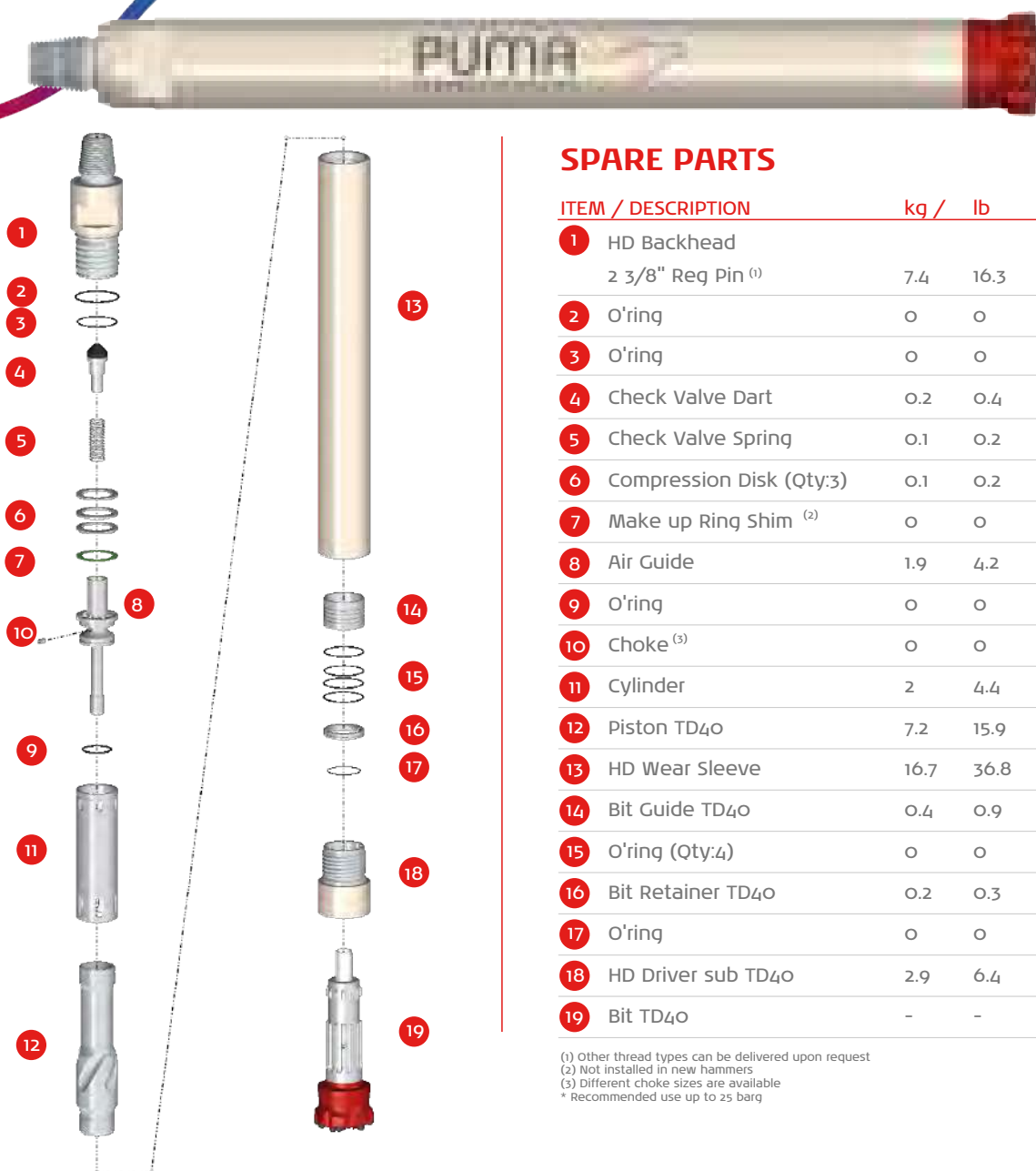
| PRESSURE | psig | 250 | 300 | 350 | 400 | 450 | barg | 17.2 | 20.7 | 24.1 | 27.6 | 31.0 |
|----------|------|-----|-----|-----|-----|-----|---------------------|------|------|------|------|------|
| VOLUME | SCFM | 419 | 518 | 619 | 722 | 826 | m ³ /min | 11.8 | 14.6 | 17.4 | 20.3 | 23.3 |

Check 02/2024

PHONE: (56-2) 2431-2200 / www.drillco.com

PUMA M4.3 TD40

HAMMER TYPE / HD (Heavy Duty) CODE / 0006040-010006



SPARE PARTS

| ITEM / DESCRIPTION | kg | lb | CODE |
|--|------|------|----------------|
| 1 HD Backhead 2 3/8" Reg Pin ⁽¹⁾ | 7.4 | 16.3 | 0106040-010019 |
| 2 O'ring | 0 | 0 | C180010-002234 |
| 3 O'ring | 0 | 0 | C180012-002150 |
| 4 Check Valve Dart | 0.2 | 0.4 | 0106040-030003 |
| 5 Check Valve Spring | 0.1 | 0.2 | 0106040-050002 |
| 6 Compression Disk (Qty:3) | 0.1 | 0.2 | 0106040-050004 |
| 7 Make up Ring Shim ⁽²⁾ | 0 | 0 | 0106040-170001 |
| 8 Air Guide | 1.9 | 4.2 | 0106040-080005 |
| 9 O'ring | 0 | 0 | C180010-002226 |
| 10 Choke ⁽³⁾ | 0 | 0 | 0106040-040001 |
| 11 Cylinder | 2 | 4.4 | 0106040-090003 |
| 12 Piston TD40 | 7.2 | 15.9 | 0106040-110018 |
| 13 HD Wear Sleeve | 16.7 | 36.8 | 0106040-100014 |
| 14 Bit Guide TD40 | 0.4 | 0.9 | 0106040-130014 |
| 15 O'ring (Qty:4) | 0 | 0 | C180010-002150 |
| 16 Bit Retainer TD40 | 0.2 | 0.3 | 0106040-140007 |
| 17 O'ring | 0 | 0 | C180010-002036 |
| 18 HD Driver sub TD40 | 2.9 | 6.4 | 0106040-160019 |
| 19 Bit TD40 | - | - | - |

(1) Other thread types can be delivered upon request
 (2) Not installed in new hammers
 (3) Different choke sizes are available
 * Recommended use up to 25 barg

GENERAL DESCRIPTION

| NET WEIGHT | | OUTSIDE DIAMETER | | HAMMER LENGTH | | HAMMER LENGTH WITH BIT | | | |
|------------|----|------------------|-----|---------------|------|------------------------|------|--------------|----|
| kg | lb | mm | in | mm | in | CLOSED BIT | | EXTENDED BIT | |
| mm | in | mm | in | mm | in | mm | in | mm | in |
| 39 | 86 | 100 | 3.9 | 943 | 37.1 | 1032 | 40.6 | 1068 | 42 |

AIR CONSUMPTION

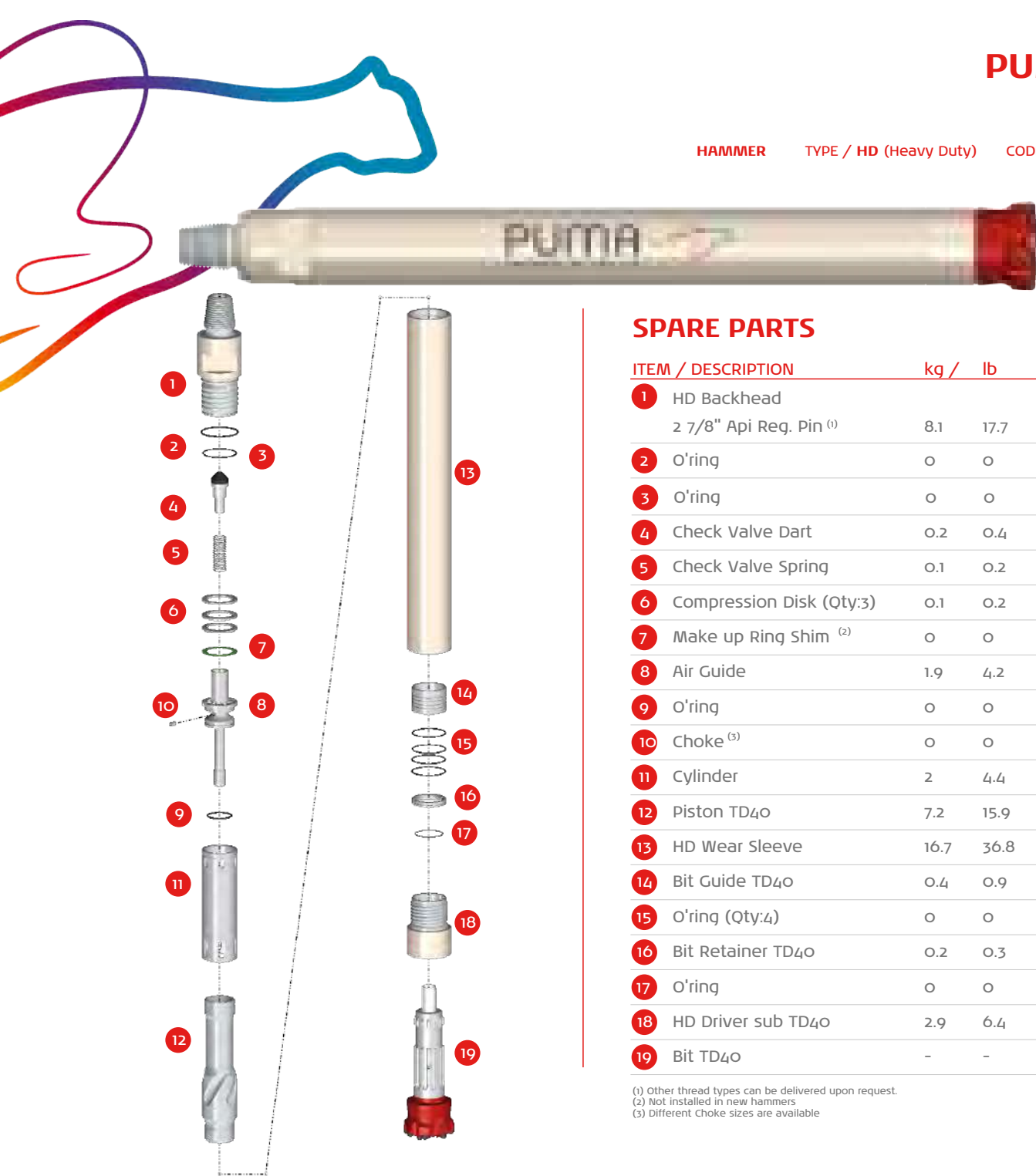
| PRESSURE | psig | 200 | 250 | 300 | 350 | 400 | 450 | barg ^(*) | 10.3 | 13.8 | 17.2 | 20.7 | 24.1 |
|----------|------|-----|-----|-----|-----|-----|-----|---------------------|------|------|------|------|------|
| VOLUME | SCFM | 366 | 484 | 602 | 721 | 840 | 959 | m ³ /min | 7 | 10.7 | 14.3 | 18 | 21.8 |

Check 03/2022

PHONE: (56-2) 2431-2211; (56-2) 2431-2200 / www.drillco.com

PUMA M4.3 TD40

HAMMER TYPE / HD (Heavy Duty) CODE / 0006040-010007



SPARE PARTS

| ITEM / DESCRIPTION | kg | lb | CODE |
|---|------|------|----------------|
| 1 HD Backhead 2 7/8" Api Reg. Pin ⁽¹⁾ | 8.1 | 17.7 | 0106040-010025 |
| 2 O'ring | 0 | 0 | C180010-002234 |
| 3 O'ring | 0 | 0 | C180012-002150 |
| 4 Check Valve Dart | 0.2 | 0.4 | 0106040-030003 |
| 5 Check Valve Spring | 0.1 | 0.2 | 0106040-050002 |
| 6 Compression Disk (Qty:3) | 0.1 | 0.2 | 0106040-050004 |
| 7 Make up Ring Shim ⁽²⁾ | 0 | 0 | 0106040-170001 |
| 8 Air Guide | 1.9 | 4.2 | 0106040-080005 |
| 9 O'ring | 0 | 0 | C180010-002226 |
| 10 Choke ⁽³⁾ | 0 | 0 | 0106040-040001 |
| 11 Cylinder | 2 | 4.4 | 0106040-090003 |
| 12 Piston TD40 | 7.2 | 15.9 | 0106040-110019 |
| 13 HD Wear Sleeve | 16.7 | 36.8 | 0106040-100014 |
| 14 Bit Guide TD40 | 0.4 | 0.9 | 0106040-130014 |
| 15 O'ring (Qty:4) | 0 | 0 | C180010-002150 |
| 16 Bit Retainer TD40 | 0.2 | 0.3 | 0106040-140007 |
| 17 O'ring | 0 | 0 | C180010-002036 |
| 18 HD Driver sub TD40 | 2.9 | 6.4 | 0106040-160019 |
| 19 Bit TD40 | - | - | - |

(1) Other thread types can be delivered upon request.
 (2) Not installed in new hammers
 (3) Different Choke sizes are available

GENERAL DESCRIPTION

| NET WEIGHT | | OUTSIDE DIAMETER | | HAMMER LENGTH | | HAMMER LENGTH WITH BIT | | | |
|------------|----|------------------|-----|---------------|------|------------------------|------|--------------|------|
| kg | lb | mm | in | mm | in | CLOSED BIT | | EXTENDED BIT | |
| mm | in | mm | in | mm | in | mm | in | mm | in |
| 39 | 86 | 100 | 3.9 | 956 | 37.6 | 1045 | 41.1 | 1081 | 42.6 |

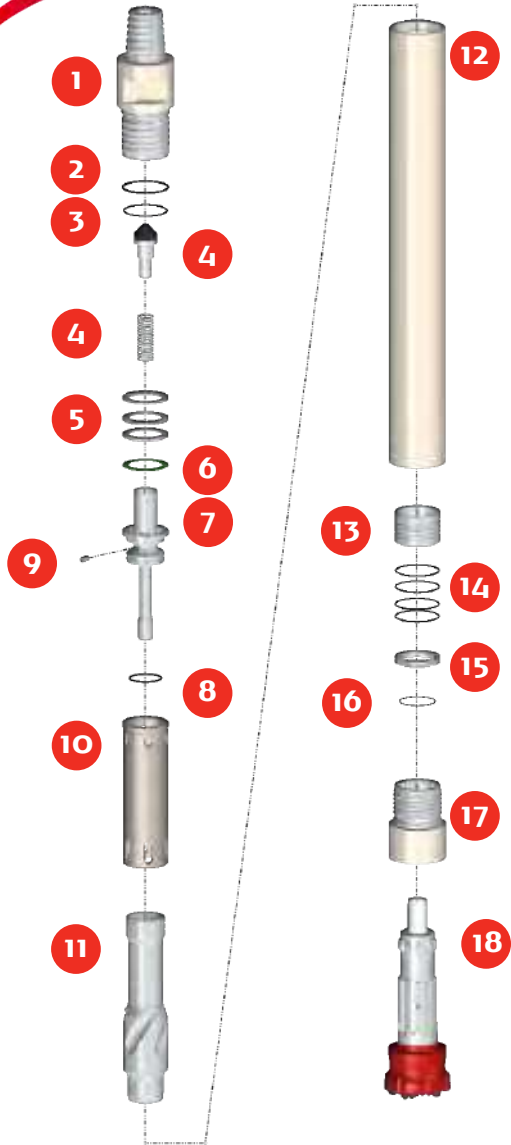
| AIR CONSUMPTION | | | | | | | | | | | | |
|-----------------|------|-----|-----|-----|-----|-----|---------------------|------|------|------|------|------|
| PRESSURE | psiq | 150 | 200 | 250 | 300 | 350 | barg | 10.3 | 13.8 | 17.2 | 20.7 | 24.1 |
| VOLUME | SCFM | 245 | 375 | 505 | 635 | 766 | m ³ /min | 7 | 10.7 | 14.3 | 18 | 21.8 |

Check 03/2022

PHONE: (56-2) 2431-2211; (56-2) 2431-2200 / www.drillco.com

PUMA M4.3 UM TD40

HAMMER TYPE / HD (Heavy Duty) / UM (With additional protection) CODE / 0006040-010015



SPARE PARTS

| ITEM / DESCRIPTION | kg | lb | CODE |
|--|------|------|----------------|
| 1 HD Backhead Cubex 24 Pin ⁽¹⁾ | 7.8 | 17.6 | 0106040-010030 |
| 2 O'ring | 0 | 0 | C180010-002234 |
| 3 O'ring | 0 | 0 | C180012-002150 |
| 4 Check Valve Dart | 0.2 | 0.4 | 0106040-030003 |
| 5 Check Valve Spring | 0.1 | 0.2 | 0106040-050002 |
| 6 Compression Disk (Qty:3) | 0.1 | 0.2 | 0106040-050004 |
| 7 Make up Ring Shim ⁽²⁾ | 0 | 0 | 0106040-170001 |
| 8 UM Air Guide ⁽³⁾ | 1.8 | 4.1 | 0106040-080006 |
| 9 O'ring | 0 | 0 | C180010-002226 |
| 10 Choke ⁽⁴⁾ | 0 | 0 | 0106040-040001 |
| 11 UM Cylinder ⁽³⁾ | 2 | 4.3 | 0106040-090004 |
| 12 Piston TD40 | 7.2 | 15.9 | 0106040-110018 |
| 13 UM HD Wear sleeve ⁽³⁾ | 16.7 | 36.8 | 0106040-100018 |
| 14 Bit Guide TD40 | 0.4 | 0.9 | 0106040-130014 |
| 15 O'ring (Qty:4) | 0 | 0 | C180010-002150 |
| 16 Bit Retainer TD40 | 0.2 | 0.3 | 0106040-140007 |
| 17 O'ring | 0 | 0 | C180010-002036 |
| 18 HD Driver sub TD40 | 2.9 | 6.4 | 0106040-160019 |
| 19 Bit TD40 | - | - | - |

(1) Other thread types can be delivered upon request
 (2) Not installed in new hammers
 (3) UM part with additional protection
 (4) Different Choke sizes are available

GENERAL DESCRIPTION

| NET WEIGHT | | OUTSIDE DIAMETER | | HAMMER LENGTH | | HAMMER LENGTH WITH BIT | | | |
|------------|----|------------------|-----|---------------|------|------------------------|------|--------------|------|
| | | | | | | CLOSED BIT | | EXTENDED BIT | |
| kg | lb | mm | in | mm | in | mm | in | mm | in |
| 39 | 87 | 100 | 3.9 | 933 | 36.7 | 1022 | 40.2 | 1058 | 41.6 |

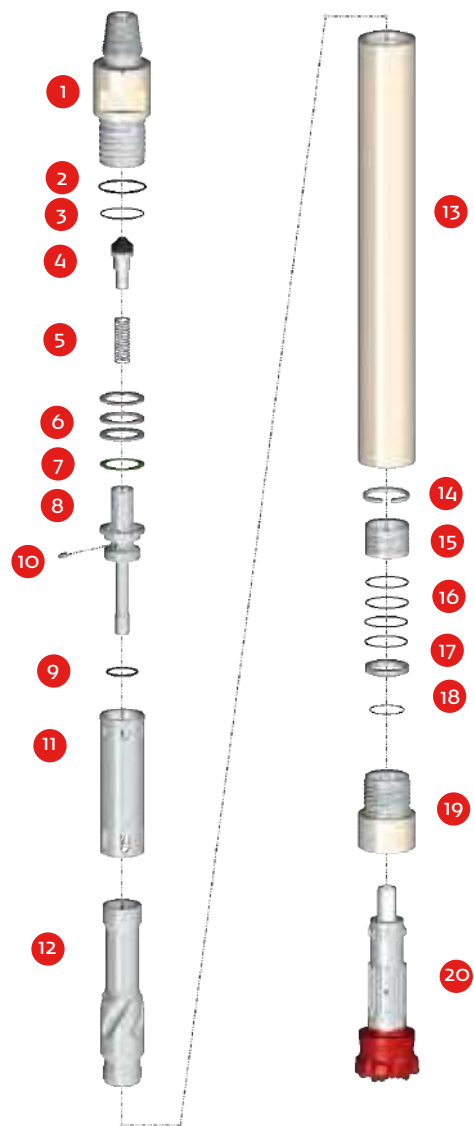
| AIR CONSUMPTION | | | | | | | | | | | | |
|-----------------|------|-----|-----|-----|-----|-----|---------------------|------|------|------|------|------|
| PRESSURE | psig | 150 | 200 | 250 | 300 | 350 | barg | 10.3 | 13.8 | 17.2 | 20.7 | 24.1 |
| VOLUME | SCFM | 245 | 375 | 505 | 635 | 766 | m ³ /min | 7 | 10.7 | 14.3 | 18 | 21.8 |

Check 03/2022

PHONE: (56-2) 2431-2211; (56-2) 2431-2200 / www.drillco.com

PUMA M4.3 TD40

HAMMER TYPE /EHD(Extra Heavy Duty) CODE / 0006040-160001



SPARE PARTS

| ITEM / DESCRIPTION | kg / | lb | CODE |
|--|------|-------|----------------|
| 1 EHD Backhead 2 7/8" Api Reg. Pin ⁽¹⁾ | 8.6 | 18.96 | 0106040-010028 |
| 2 O'ring | 0 | 0 | C180010-002234 |
| 3 O'ring | 0 | 0 | C180012-002150 |
| 4 Check Valve Dart | 0.2 | 0.4 | 0106040-030003 |
| 5 Check Valve Spring | 0.1 | 0.2 | 0106040-050002 |
| 6 Compression Disk (Qty:3) | 0.1 | 0.2 | 0106040-050004 |
| 7 Make up Ring Shim ⁽²⁾ | 0 | 0 | 0106040-170001 |
| 8 Air Guide | 1.9 | 4.2 | 0106040-080005 |
| 9 O'ring | 0 | 0 | C180010-002226 |
| 10 Choke ⁽³⁾ | 0 | 0 | 0106040-040001 |
| 11 Cylinder | 2 | 4.4 | 0106040-090003 |
| 12 Piston TD40 | 7.2 | 15.9 | 0106040-110019 |
| 13 EHD Wear Sleeve | 19.8 | 43.6 | 0106040-100021 |
| 14 Piston retainer ring | 0.1 | 0.2 | 0106040-120001 |
| 15 Bit Guide TD40 | 0.4 | 0.9 | 0106040-130014 |
| 16 O'ring (Qty:4) | 0 | 0 | C180010-002150 |
| 17 Bit Retainer TD40 | 0.2 | 0.3 | 0106040-140007 |
| 18 O'ring | 0 | 0 | C180010-002036 |
| 19 EHD Driver sub TD40 | 3.2 | 7.0 | 0106040-160026 |
| 20 Bit TD40 | - | - | - |

(1) Other thread types can be delivered upon request.

(2) Not installed in new hammers.

(3) Different Choke sizes are available.

GENERAL DESCRIPTION

| NET WEIGHT | | OUTSIDE DIAMETER | | HAMMER LENGTH | | HAMMER LENGTH WITH BIT | | | |
|------------|----|------------------|------|---------------|------|------------------------|------|--------------|------|
| kg | lb | mm | in | mm | in | CLOSED BIT | | EXTENDED BIT | |
| mm | in | mm | in | mm | in | mm | in | mm | in |
| 44 | 97 | 103 | 4.05 | 956 | 37.6 | 1045 | 41.1 | 1081 | 42.6 |

AIR CONSUMPTION

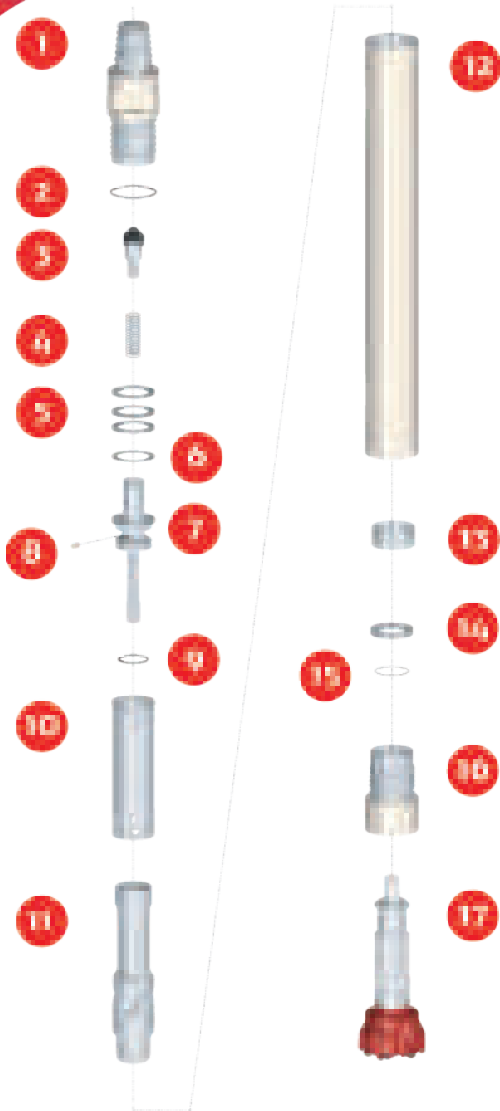
| PRESSURE | psig | 150 | 200 | 250 | 300 | 350 | barg | 10.3 | 13.8 | 17.2 | 20.7 | 24.1 |
|----------|------|-----|-----|-----|-----|-----|---------------------|------|------|------|------|------|
| VOLUME | SCFM | 245 | 375 | 505 | 635 | 766 | m ³ /min | 7 | 10.7 | 14.3 | 18 | 21.8 |

Check 08/2022

PHONE: (56-2) 2431-2200 / www.drillco.com

PUMA M4.3 UM DHD 340

HAMMER TYPE / S (Standard) / UM (With additional protection) CODE / 0006040-000016



SPARE PARTS

| ITEM / DESCRIPTION | kg | lb | CODE |
|--|------|------|----------------|
| 1 Backhead Cubex-24 Pin ⁽¹⁾ | 7.6 | 16.9 | 0106040-010024 |
| 2 O'ring | 0 | 0 | C180010-002234 |
| 3 Check Valve Dart | 0.2 | 0.4 | 0106040-030003 |
| 4 Check Valve Spring | 0.1 | 0.2 | 0106040-050002 |
| 5 Compression Disk (Qty:3) | 0.1 | 0.2 | 0106040-050004 |
| 6 Make up Ring Shim ⁽²⁾ | 0 | 0 | 0106040-170001 |
| 7 UM Air Guide ⁽³⁾ | 1.8 | 4.1 | 0106040-080006 |
| 8 Choke ⁽⁴⁾ | 0 | 0 | 0106040-040001 |
| 9 O'ring | 0 | 0 | C180010-002226 |
| 10 UM Cylinder ⁽³⁾ | 2 | 4.3 | 0106040-090004 |
| 11 Piston DHD-340 | 7.5 | 16.6 | 0106040-110012 |
| 12 UM Wear Sleeve ⁽³⁾ | 17.1 | 37.7 | 0106040-100016 |
| 13 Spacer DHD-340 | 0.2 | 0.4 | 0106040-130005 |
| 14 Bit Retainer DHD-340 | 0.2 | 0.4 | 0106040-140004 |
| 15 O'ring | 0 | 0 | C180010-002036 |
| 16 Driver Sub DHD-340 | 3.5 | 7.6 | 0106040-160020 |
| 17 Bit DHD-340 | - | - | - |

(1) Other thread types can be delivered at request
 (2) Not installed in new hammers
 (3) UM part with additional protection
 (4) Different Choke sizes are available

GENERAL DESCRIPTION

| NET WEIGHT | | OUTSIDE DIAMETER | | HAMMER LENGTH | | HAMMER LENGTH WITH BIT | | | |
|------------|----|------------------|-----|---------------|------|------------------------|------|--------------|------|
| | | | | | | CLOSED BIT | | EXTENDED BIT | |
| kg | lb | mm | in | mm | in | mm | in | mm | in |
| 40 | 88 | 98 | 3.9 | 934 | 36.8 | 1023 | 40.3 | 1059 | 41.7 |

AIR CONSUMPTION

| PRESSURE | psig | 150 | 200 | 250 | 300 | 350 | barg | 10.3 | 13.8 | 17.2 | 20.7 | 24.1 |
|----------|------|-----|-----|-----|-----|-----|---------------------|------|------|------|------|------|
| VOLUME | SCFM | 275 | 380 | 480 | 585 | 690 | m ³ /min | 7.8 | 10.8 | 13.6 | 16.6 | 19.6 |

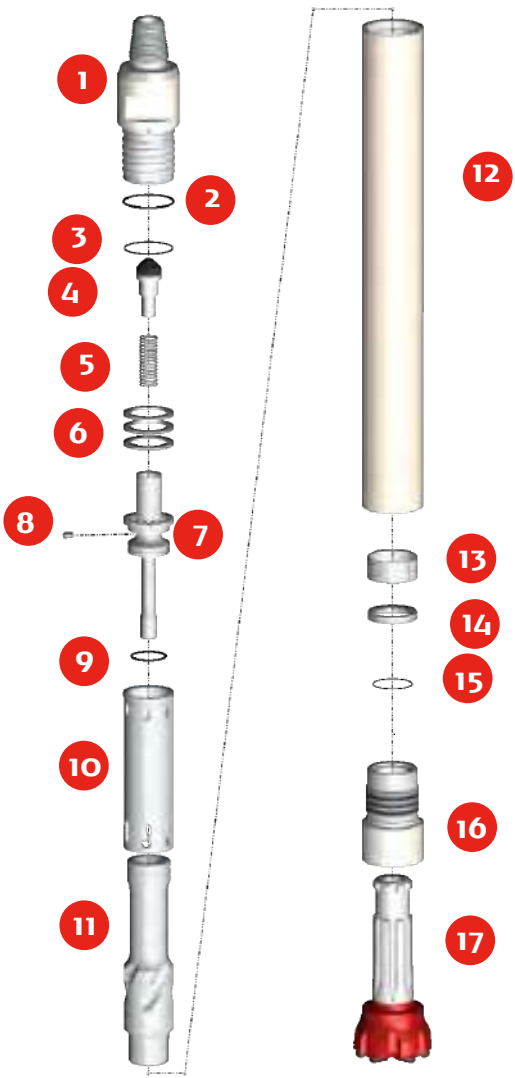
Check 06/2018

PHONE: (56-2) 2431-2211; (56-2) 2431-2200 / www.drillco.com

PUMA M4.3LV DHD 340

HAMMER TYPE / S (Standard)

CODE / 0006040-000021



SPARE PARTS

| ITEM / DESCRIPTION | kg / | lb | CODE |
|--|------|------|----------------|
| 1 Backhead 2 3/8" API Reg. Pin ⁽¹⁾ | 7.2 | 15.9 | 0106040-010027 |
| 2 O'Ring | 0 | 0 | C180010-002234 |
| 3 O'Ring | 0 | 0.5 | C180012-002150 |
| 4 Check Valve Dart | 0.2 | 0.4 | 0106040-030003 |
| 5 Spring | 0.1 | 0.2 | 0106040-050002 |
| 6 Compression Disk (Qty. 3) | 0.1 | 0.2 | 0106040-050004 |
| 7 Air Guide | 1.9 | 4.1 | 0106040-080005 |
| 8 Choke ⁽²⁾ | 0 | 0 | 0106040-040001 |
| 9 O'Ring | 0 | 0 | C180010-002226 |
| 10 Cylinder | 2.0 | 4.3 | 0106040-090003 |
| 11 Piston LV DHD-340 | 7.6 | 16.7 | 0106040-110028 |
| 12 Wear Sleeve | 14.9 | 32.8 | 0106040-100017 |
| 13 Spacer DHD-340 ⁽³⁾ | 0.2 | 0.5 | 0106040-130005 |
| 14 Bit Retainer DHD-340 | 0.2 | 0.4 | 0106040-140004 |
| 15 O'Ring | 0 | 0 | C180010-002036 |
| 16 Chuck DHD-340 | 3.5 | 7.6 | 0106040-160020 |
| 17 Bit DHD-340 | - | - | - |

(1) Other thread types can be delivered at request.

(2) Different Choke sizes are available

(3) Bit Guide DHD-340 0106040-130006 is available with spare parts Kit LV; Low consumption

GENERAL DESCRIPTION

| NET WEIGHT | | OUTSIDE DIAMETER | | HAMMER LENGTH | | HAMMER LENGTH WITH BIT | | | |
|------------|----|------------------|------|---------------|------|------------------------|------|--------------|----|
| kg | lb | mm | in | mm | in | CLOSED BIT | | EXTENDED BIT | |
| 40 | 88 | 98 | 3.85 | 943 | 37.1 | mm | in | mm | in |
| | | | | | | 1032 | 40.6 | 1068 | 42 |

| AIR CONSUMPTION | | | | | | | | | | | | |
|-----------------|------|-----|-----|-----|-----|-----|---------------------|------|------|------|------|------|
| PRESSURE | psig | 150 | 200 | 250 | 300 | 350 | bar _g | 10.3 | 13.8 | 17.2 | 20.7 | 24.1 |
| VOLUME | SCFM | 250 | 344 | 439 | 534 | 629 | m ³ /min | 7.1 | 9.8 | 12.5 | 15.2 | 17.9 |

Check: 06/2021

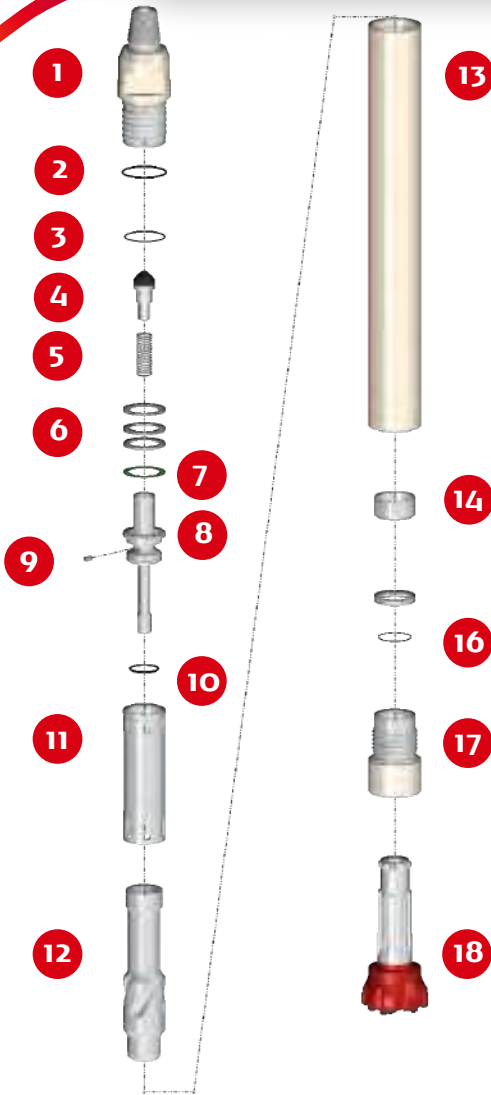
PHONE: (56-2) 2431-2211; (56-2) 2431-2200 / www.drillco.com

PUMA M4.3 DHD 340

HAMMER TYPE / HD (Heavy Duty) CODE / 0006040-010008



PUMA
HAMMERS BY DRILLCO



SPARE PARTS

| ITEM / DESCRIPTION | kg | lb | CODE |
|---|------|------|-----------------|
| 1 HD Backhead 2 3/8" API Reg. Pin ⁽¹⁾ | 7.4 | 16.3 | 0106040-010019 |
| 2 O'Ring | 0.0 | 0.0 | C180010-002234 |
| 3 O'Ring | 0.0 | 0.0 | C180012-0 02150 |
| 4 Check Valve Dart | 0.2 | 0.5 | 0106040-030003 |
| 5 Spring | 0.1 | 0.1 | 0106040-050002 |
| 6 Compression Disk (Qty. 3) | 0.2 | 0.3 | 0106040-050004 |
| 7 Make up Ring Shim ⁽²⁾ | 0.0 | 0.0 | 0106040-170001 |
| 8 Air Guide | 1.9 | 4.1 | 0106040-080005 |
| 9 Choke ⁽³⁾ | 0.0 | 0.0 | 0106040-040001 |
| 10 O'Ring | 0.0 | 0.0 | C180010-002226 |
| 11 Cylinder | 2.0 | 4.3 | 0106040-090003 |
| 12 Piston DHD 340 | 7.5 | 16.6 | 0106040-110012 |
| 13 HD Wear Sleeve | 16.7 | 36.8 | 0106040-100014 |
| 14 Spacer DHD 340 ⁽⁴⁾ | 0.2 | 0.5 | 0106040-130005 |
| 15 Bit Retainer DHD 340 | 0.2 | 0.4 | 0106040-140004 |
| 16 O'Ring | 0.0 | 0.0 | C180010-002036 |
| 17 HD Chuck DHD 340 | 3.7 | 8.1 | 0106040-160021 |
| 18 Bit DHD 340 | - | - | - |

(1) Other thread types can be delivered at request.

(2) Not installed in new hammers.

(3) Different Choke sizes are available

(4) Recommended use up to 25 Bar.

GENERAL DESCRIPTION

| NET WEIGHT | | OUTSIDE DIAMETER | | HAMMER LENGTH | | HAMMER LENGTH WITH BIT | | | |
|------------|----|------------------|------|---------------|------|------------------------|------|--------------|------|
| kg | lb | mm | in | mm | in | CLOSED BIT | | EXTENDED BIT | |
| 40 | 88 | 103 | 4.05 | 943 | 37.1 | mm | in | mm | in |
| | | | | | | 1032 | 40.6 | 1068 | 42.0 |

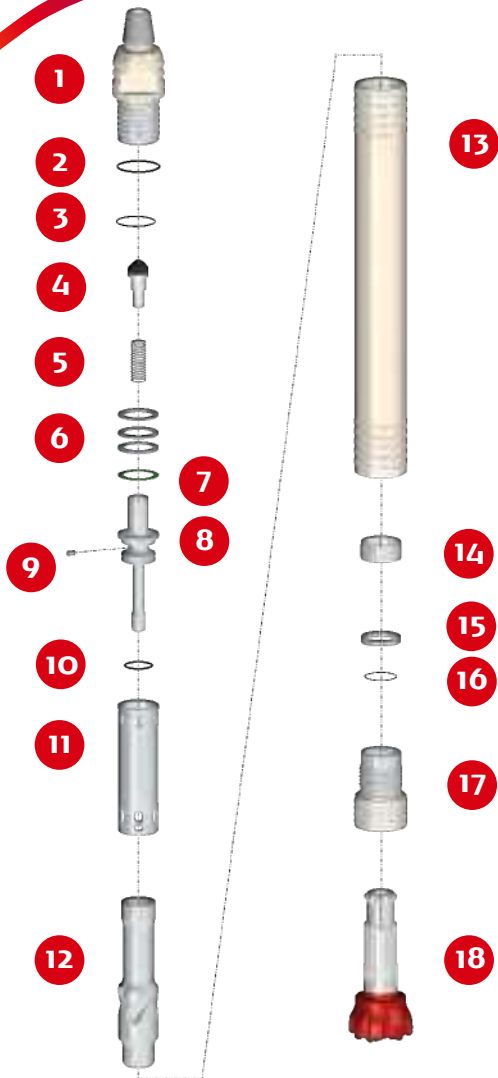
| AIR CONSUMPTION | | | | | | | | | | | | |
|-----------------|------|-----|-----|-----|-----|-----|---------------------|------|------|------|------|------|
| PRESSURE | psig | 150 | 200 | 250 | 300 | 350 | bar _g | 10.3 | 13.8 | 17.2 | 20.7 | 24.1 |
| VOLUME | SCFM | 275 | 380 | 480 | 585 | 690 | m ³ /min | 7.8 | 10.7 | 13.7 | 16.6 | 19.5 |

Check: 10/2022

PHONE: (56-2) 2431-2200 / www.drillco.com

PUMA M4.3 DHD 340

HAMMER TYPE /HDW (Heavy Duty Welding) CODE /0006040020007



SPARE PARTS

| ITEM / DESCRIPTION | kg | lb | CODE |
|---|-----|------|----------------|
| 1 HD Backhead 2 3/8" API Reg. Pin ⁽¹⁾ | 7.5 | 16.4 | 0106040-010020 |
| 2 O'Ring | 0.0 | 0.0 | C180010-002234 |
| 3 O'Ring | 0.0 | 0.0 | C180012-002150 |
| 4 Check Valve Dart | 0.2 | 0.5 | 0106040-030003 |
| 5 Spring | 0.1 | 0.1 | 0106040-050002 |
| 6 Compression Disk (Qty. 3) | 0.2 | 0.3 | 0106040-050004 |
| 7 Make up Ring Shim ⁽²⁾ | 0.0 | 0.0 | 0106040-170001 |
| 8 Air Guide | 1.9 | 4.1 | 0106040-080005 |
| 9 Choke ⁽³⁾ | 0.0 | 0.0 | 0106040-040001 |
| 10 O'Ring | 0.0 | 0.0 | C180010-002226 |
| 11 Cylinder | 2.0 | 4.3 | 0106040-090003 |
| 12 Piston DHD 340 | 7.5 | 16.6 | 0106040-110027 |
| 13 HDW Wear Sleeve | 17 | 37.5 | 0106040-100015 |
| 14 Spacer DHD 340 ⁽⁴⁾ | 0.2 | 0.5 | 0106040-130005 |
| 15 Bit Retainer DHD 340 | 0.2 | 0.4 | 0106040-140004 |
| 16 O'Ring | 0.0 | 0.0 | C180010-002036 |
| 17 HDW Chuck DHD 340 | 3.7 | 8.1 | 0106040-160022 |
| 18 Bit DHD 340 | - | - | - |

(1) Other thread types can be delivered at request

(2) Not installed in new hammers.

(3) Different Choke sizes are available

(4) Recommended use up to 25 Bar.

GENERAL DESCRIPTION

| NET WEIGHT | | OUTSIDE DIAMETER | | HAMMER LENGTH | | HAMMER LENGTH WITH BIT | | | |
|------------|------|------------------|------|---------------|------|------------------------|------|--------------|------|
| kg | lb | mm | in | mm | in | CLOSED BIT | | EXTENDED BIT | |
| 40.5 | 89.3 | 103 | 4.05 | 943 | 37.1 | mm | in | mm | in |
| | | | | | | 1032 | 40.6 | 1068 | 42.0 |

| AIR CONSUMPTION | | | | | | | | | | | | |
|-----------------|------|-----|-----|-----|-----|-----|---------------------|------|------|------|------|------|
| PRESSURE | psig | 150 | 200 | 250 | 300 | 350 | bar _g | 10.3 | 13.8 | 17.2 | 20.7 | 24.1 |
| VOLUME | SCFM | 275 | 380 | 480 | 585 | 690 | m ³ /min | 7.8 | 10.7 | 13.7 | 16.6 | 19.5 |

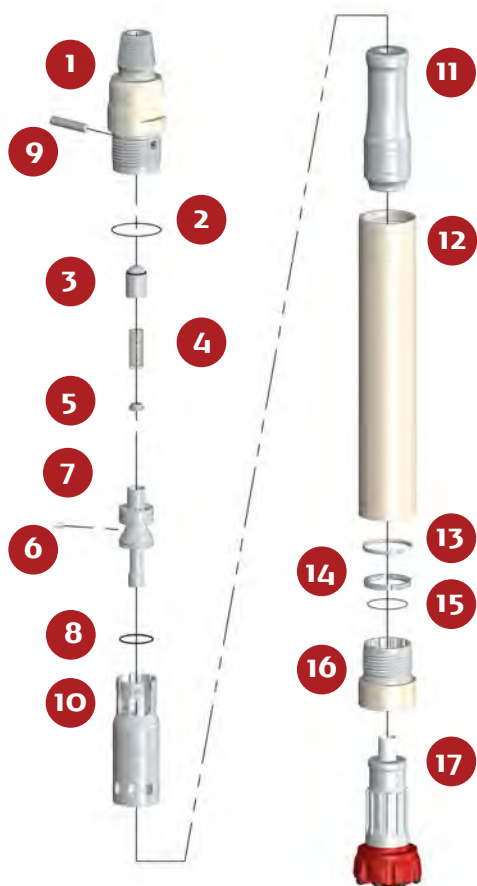
Check: 10/2022

PUMA P5SH P5SH

HAMMER TYPE / HD (Heavy Duty) CODE / 0023050-000003



SPARE PARTS



| ITEM / DESCRIPTION | kg / | lb | CODE |
|---|------|------|----------------|
| 1 HD Backhead 3 1/2" API Reg. Pin ⁽¹⁾ | 11.4 | 25.0 | 0123050-010004 |
| 2 Backhead O'Ring | 0.0 | 0.0 | C180010-002155 |
| 3 Check Valve Dart | 0.2 | 0.5 | 0106060-030002 |
| 4 Spring | 0.1 | 0.1 | 0106060-040003 |
| 5 Spring Rest | 0.1 | 0.1 | 0123050-070001 |
| 6 Choke ⁽²⁾ | 0.0 | 0.0 | 0123050-040001 |
| 7 Air Guide | 1.9 | 4.1 | 0123050-080003 |
| 8 Air Guide O'Ring | 0.0 | 0.0 | C180010-002231 |
| 9 Pin | 0.2 | 0.4 | 0123050-060003 |
| 10 Cylinder | 2.2 | 4.7 | 0123050-100006 |
| 11 Piston | 12.7 | 27.9 | 0123050-120002 |
| 12 HD Wear Sleeve | 21.3 | 46.7 | 0123050-090003 |
| 13 Piston Retainer Ring | 0.1 | 0.1 | 0123050-140001 |
| 14 Bit Retainer | 0.2 | 0.5 | 0123050-130002 |
| 15 Bit Retainer O'Ring | 0.0 | 0.0 | C180010-002042 |
| 16 HD Chuck | 3.9 | 8.6 | 0123050-170002 |
| 17 Bit P5SH | - | - | - |

(1) Other thread types can be delivered at request.
(2) Different Choke size are available.

GENERAL DESCRIPTION

| NET WEIGHT | | OUTSIDE DIAMETER | | HAMMER LENGTH | | HAMMER LENGTH WITH BIT | | | |
|------------|-----|------------------|------|---------------|------|------------------------|------|--------------|------|
| | | | | | | CLOSED BIT | | EXTENDED BIT | |
| kg | lb | mm | in | mm | in | mm | in | mm | in |
| 55 | 121 | 126 | 4.96 | 820 | 32.2 | 950 | 37.4 | 986 | 38.8 |

| AIR CONSUMPTION | | | | | | | | | | | | |
|-----------------|------|-----|-----|-----|-----|-----|---------------------|------|------|------|------|------|
| PRESSURE | psig | 150 | 200 | 250 | 300 | 350 | bar _g | 10.3 | 13.8 | 17.2 | 20.7 | 24.1 |
| VOLUME | SCFM | 271 | 393 | 515 | 638 | 760 | m ³ /min | 7.7 | 11.1 | 14.6 | 18.0 | 21.5 |

Check. 10/2022

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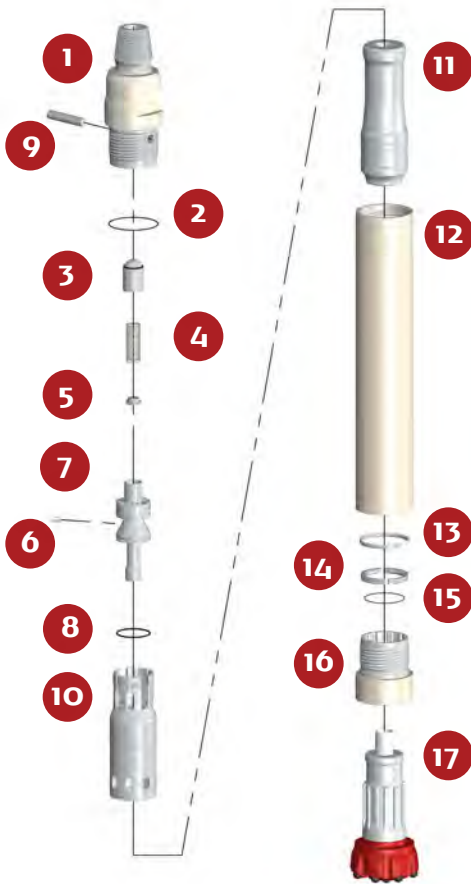
PUMA 5SH P5SH

HAMMER TYPE / S (Standard)

CODE / 0023050-000004



SPARE PARTS



| ITEM / DESCRIPTION | kg / | lb | CODE |
|--|------|------|----------------|
| 1 Backhead 3 1/2" API Reg. Pin ⁽¹⁾ | 11.1 | 24.4 | 0123050-010005 |
| 2 O'Ring | 0.0 | 0.0 | C180010-002155 |
| 3 Check Valve Dart | 0.2 | 0.5 | 0106060-030002 |
| 4 Spring | 0.1 | 0.1 | 0106060-040003 |
| 5 Spring Rest | 0.1 | 0.1 | 0123050-070001 |
| 6 Choke ⁽²⁾ | 0.0 | 0.0 | 0123050-040002 |
| 7 Air Guide | 1.9 | 4.1 | 0123050-080003 |
| 8 O'Ring | 0.0 | 0.0 | C180010-002231 |
| 9 Pin | 0.2 | 0.4 | 0123050-060003 |
| 10 Cylinder | 2.2 | 4.7 | 0123050-100006 |
| 11 Piston | 12.7 | 27.9 | 0123050-120002 |
| 12 Wear Sleeve | 17.2 | 37.9 | 0123050-090001 |
| 13 Piston Retainer Ring | 0.1 | 0.1 | 0123050-140001 |
| 14 Bit Retainer | 0.2 | 0.5 | 0123050-130002 |
| 15 O'Ring | 0.0 | 0.0 | C180010-002042 |
| 16 Chuck | 3.5 | 7.7 | 0123050-170001 |
| 17 Bit P5SH | - | - | - |

(1) Other thread types can be delivered at request.

(2) Different Choke size are available.
Sew: Standard Energy Well

GENERAL DESCRIPTION

| NET WEIGHT | | OUTSIDE DIAMETER | | HAMMER LENGTH | | HAMMER LENGTH WITH BIT | | | |
|------------|-----|------------------|------|---------------|------|------------------------|------|--------------|------|
| kg | lb | mm | in | mm | in | CLOSED BIT | | EXTENDED BIT | |
| 50 | 109 | 121 | 4.86 | 820 | 32.2 | mm | in | mm | in |
| | | | | | | 950 | 37.4 | 986 | 38.8 |

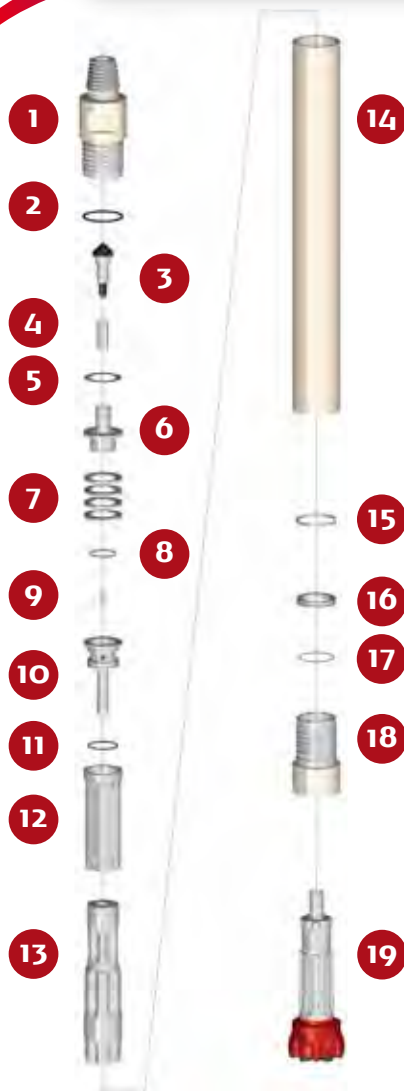
| AIR CONSUMPTION | | | | | | | | | | | | |
|-----------------|------|-----|-----|-----|-----|-----|---------------------|------|------|------|------|------|
| PRESSURE | psig | 150 | 200 | 250 | 300 | 350 | barg | 10.3 | 13.8 | 17.2 | 20.7 | 24.1 |
| VOLUME | SCFM | 271 | 393 | 515 | 638 | 760 | m ³ /min | 7.7 | 11.1 | 14.6 | 18.0 | 21.5 |

Check. 10/2022

PHONE: (56-2) 2431-2200 / www.drillco.com

PUMA M5.2 DHD 350

HAMMER TYPE / S (Standard) CODE / 0006050-000007



SPARE PARTS

| ITEM / DESCRIPTION | kg | lb | CODE |
|--|------|------|----------------|
| 1 Backhead 3 1/2" API Reg. Pin ⁽¹⁾ | 11.7 | 25.6 | 0101050-010000 |
| 2 Backhead O'Ring | 0.0 | 0.0 | C180010-002341 |
| 3 Check Valve Dart | 0.4 | 0.9 | 0101050-030000 |
| 4 Spring | 0.1 | 0.1 | 0101050-040000 |
| 5 Make Up Ring Shim ⁽²⁾ | 0.1 | 0.1 | 0101050-180000 |
| 6 Air Distributor | 1.2 | 2.6 | 0106050-050000 |
| 7 Compression Disk (Qty.4) | 0.7 | 1.5 | 0106050-060000 |
| 8 Air Distributor O'Ring | 0.0 | 0.0 | C180010-002141 |
| 9 Choke ⁽³⁾ | 0.0 | 0.0 | 0101050-070000 |
| 10 Air Guide | 1.7 | 3.8 | 0106050-080001 |
| 11 Air Guide O'Ring | 0.0 | 0.0 | C180010-002231 |
| 12 Cylinder | 2.7 | 6.0 | 0106050-100000 |
| 13 Piston DHD 350 | 14.2 | 31.2 | 0106050-120011 |
| 14 Wear Sleeve | 24.4 | 53.7 | 0106050-110000 |
| 15 Piston Retainer Ring | 0.2 | 0.4 | 0106050-140000 |
| 16 Bit Retainer DHD 350 | 0.3 | 0.7 | 0106050-150000 |
| 17 Bit Retainer O'Ring | 0.0 | 0.0 | C180010-002236 |
| 18 Chuck DHD 350 | 4.6 | 10.2 | 0106050-170001 |
| 19 Bit DHD 350 | - | - | - |

(1) Other thread types can be delivered at request.

(2) Not installed in new hammers.

(3) Different choke size are available.

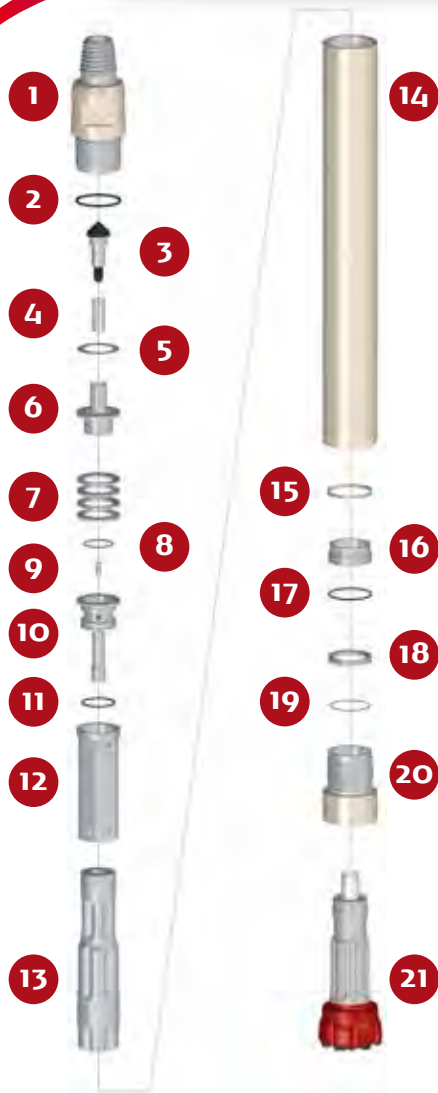
GENERAL DESCRIPTION

| NET WEIGHT | | OUTSIDE DIAMETER | | HAMMER LENGTH | | HAMMER LENGTH WITH BIT | | | |
|------------|-----|------------------|------|---------------|----|------------------------|------|--------------|------|
| | | | | | | CLOSED BIT | | EXTENDED BIT | |
| kg | lb | mm | in | mm | in | mm | in | mm | in |
| 63 | 137 | 115 | 4.52 | 1093 | 43 | 1188 | 46.7 | 1225 | 48.2 |

| AIR CONSUMPTION | | | | | | | | | | | | |
|-----------------|------|-----|-----|-----|-----|-----|---------------------|------|------|------|------|------|
| PRESSURE | psig | 150 | 200 | 250 | 300 | 350 | barg | 10.3 | 13.8 | 17.2 | 20.7 | 24.1 |
| VOLUME | SCFM | 310 | 425 | 542 | 660 | 775 | m ³ /min | 8.8 | 12.0 | 15.4 | 18.7 | 22.0 |

PUMA M5.2 QL 5

HAMMER TYPE / S (Standard) CODE / 0006050-000008



SPARE PARTS

| ITEM / DESCRIPTION | kg / | lb | CODE |
|---|------|------|----------------|
| 2 Backhead 3 1/2" API Reg. Pin ⁽¹⁾⁽²⁾ | 11.6 | 25.6 | 0106050-010001 |
| 2 Backhead O'Ring | 0.0 | 0.0 | C180010-002341 |
| 3 Check Valve Dart | 0.4 | 0.9 | 0101050-030000 |
| 4 Spring | 0.1 | 0.1 | 0101050-040000 |
| 5 Make Up Ring Shim ⁽²⁾ | 0.1 | 0.1 | 0101050-180000 |
| 6 Air Distributor | 1.2 | 2.6 | 0106050-050000 |
| 7 Compression Disk (Qty.4) | 0.7 | 1.5 | 0106050-060000 |
| 8 Air Distributor O'Ring | 0.0 | 0.0 | C180010-002141 |
| 9 Choke ⁽³⁾ | 0.0 | 0.0 | 0101050-070000 |
| 10 Air Guide | 1.7 | 3.8 | 0106050-080001 |
| 11 Air Guide O'Ring | 0.0 | 0.0 | C180010-002231 |
| 12 Cylinder | 2.7 | 6.0 | 0106050-100000 |
| 13 Piston QL 5 | 14.1 | 31.1 | 0106050-120010 |
| 14 Wear Sleeve | 23.8 | 52.4 | 0106050-110005 |
| 15 Piston Retainer Ring | 0.2 | 0.4 | 0106050-140000 |
| 16 Bit Guide QL 5 | 0.6 | 1.3 | 0106050-200002 |
| 17 Bit Guide O'Ring | 0.0 | 0.0 | C180010-002238 |
| 18 Bit Retainer QL 5 | 0.2 | 0.4 | 0106050-150004 |
| 19 Bit Retainer O'Ring | 0.0 | 0.0 | C180010-002042 |
| 20 Chuck QL 5 | 3.2 | 7.0 | 0106050-170010 |
| 21 Bit QL 5 | - | - | - |

(1) Other thread types can be delivered at request.

(2) Not installed in new hammers.

(3) Different choke size are available

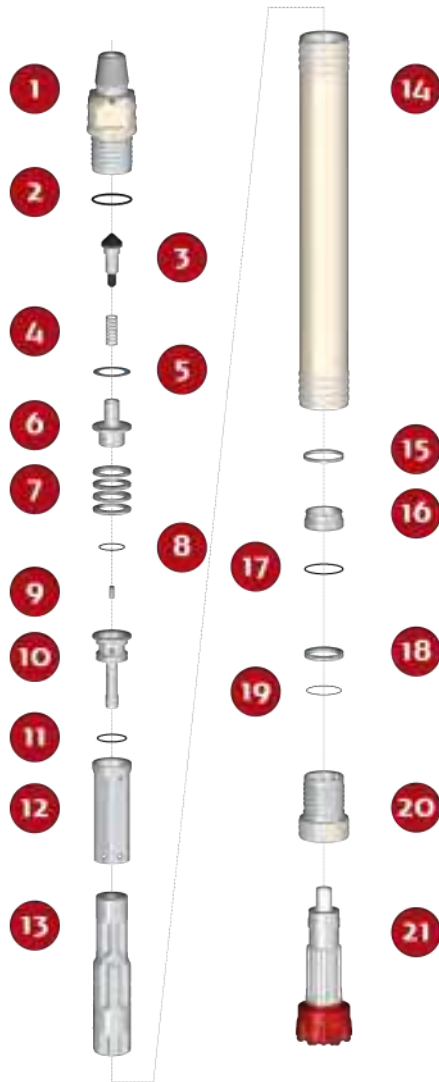
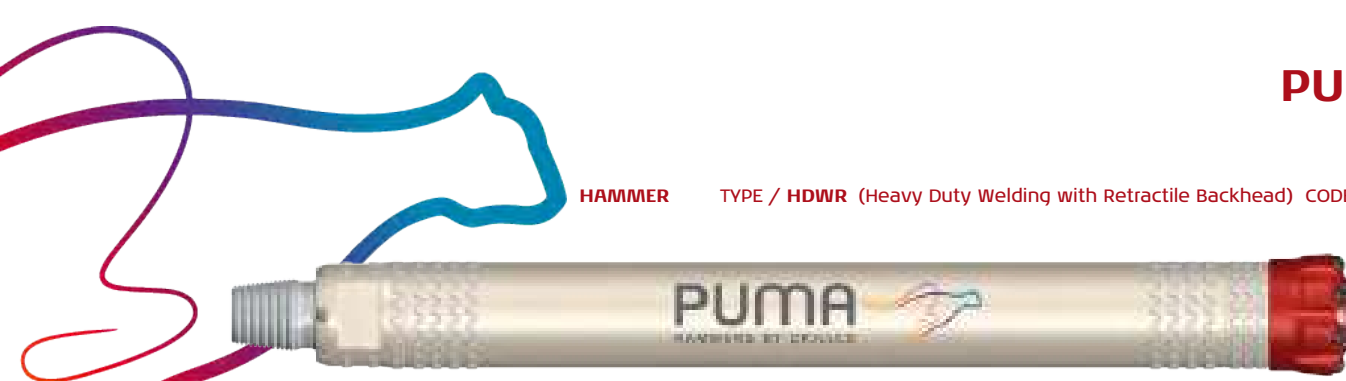
GENERAL DESCRIPTION

| NET WEIGHT | | OUTSIDE DIAMETER | | HAMMER LENGTH | | HAMMER LENGTH WITH BIT | | | |
|------------|-----|--------------------|---------------------|---------------|------|------------------------|------|--------------|------|
| | | | | | | CLOSED BIT | | EXTENDED BIT | |
| kg | lb | mm | in | mm | in | mm | in | mm | in |
| 61 | 134 | 115 ⁽²⁾ | 4.52 ⁽²⁾ | 1073 | 42.2 | 1178 | 46.3 | 1213 | 47.7 |

| AIR CONSUMPTION | | | | | | | | | | | | |
|-----------------|------|-----|-----|-----|-----|-----|---------------------|------|------|------|------|------|
| PRESSURE | psig | 150 | 200 | 250 | 300 | 350 | bar _g | 10.3 | 13.8 | 17.2 | 20.7 | 24.1 |
| VOLUME | SCFM | 256 | 379 | 501 | 624 | 746 | m ³ /min | 8.8 | 12.0 | 15.4 | 18.7 | 22.0 |

PUMA M5.2 QL 5

HAMMER TYPE / HDWR (Heavy Duty Welding with Retractable Backhead) CODE / 0006050-050005



SPARE PARTS

| ITEM / DESCRIPTION | kg / | lb | CODE |
|--|------|------|----------------|
| 1 HDWR Backhead 3 1/2" Api Reg. Pin ⁽¹⁾ ⁽²⁾ | 12 | 26.5 | 0106050-010000 |
| 2 O'ring | 0 | 0 | C180010-002341 |
| 3 Check Valve Dart | 0.4 | 0.9 | 0101050-030000 |
| 4 Spring | 0 | 0.1 | 0101050-040000 |
| 5 Make up Ring Shim ⁽³⁾ | 0 | 0.1 | 0101050-180000 |
| 6 Air Distributor | 1.2 | 2.6 | 0106050-050000 |
| 7 Compression Disk (Qty:4) | 0.7 | 1.5 | 0106050-060000 |
| 8 O'ring | 0 | 0 | C180010-002141 |
| 9 Choke ⁽⁴⁾ | 0 | 0 | 0101050-070000 |
| 10 Air Guide | 1.7 | 3.8 | 0106050-080001 |
| 11 O'ring | 0 | 0 | C180010-002231 |
| 12 Cylinder | 2.7 | 6 | 0106050-100000 |
| 13 Piston QL 5 | 14.1 | 31.2 | 0106050-120010 |
| 14 HDW Wear Sleeve | 28.9 | 63.7 | 0106050-110007 |
| 15 Piston Retainer Ring | 0.2 | 0.4 | 0106050-140000 |
| 16 Bit Guide | 0.5 | 1.1 | 0106050-200003 |
| 17 O'ring | 0 | 0 | C180010-002238 |
| 18 Bit Retainer QL5 | 0.2 | 0.5 | 0106050-150004 |
| 19 O'ring | 0 | 0 | C180010-002042 |
| 20 HDW Chuck QL-5 | 3.6 | 7.9 | 0106050-170012 |
| 21 Bit QL5 | - | - | - |

(1) Other thread types can be delivered at request
 (2) With retractile insert (Ø123mm-4.8"between inserts)
 (3) Not installed in new hammers
 (4) Different Choke sizes are available

GENERAL DESCRIPTION

| NET WEIGHT | | OUTSIDE DIAMETER | | HAMMER LENGTH | | HAMMER LENGTH WITH BIT | | | |
|------------|-----|--------------------|-----|---------------|------|------------------------|------|--------------|------|
| kg | lb | mm | in | mm | in | CLOSED BIT | | EXTENDED BIT | |
| 66 | 146 | 121 ⁽²⁾ | 4.8 | 1073 | 42.2 | 1178 | 46.4 | 1213 | 47.8 |

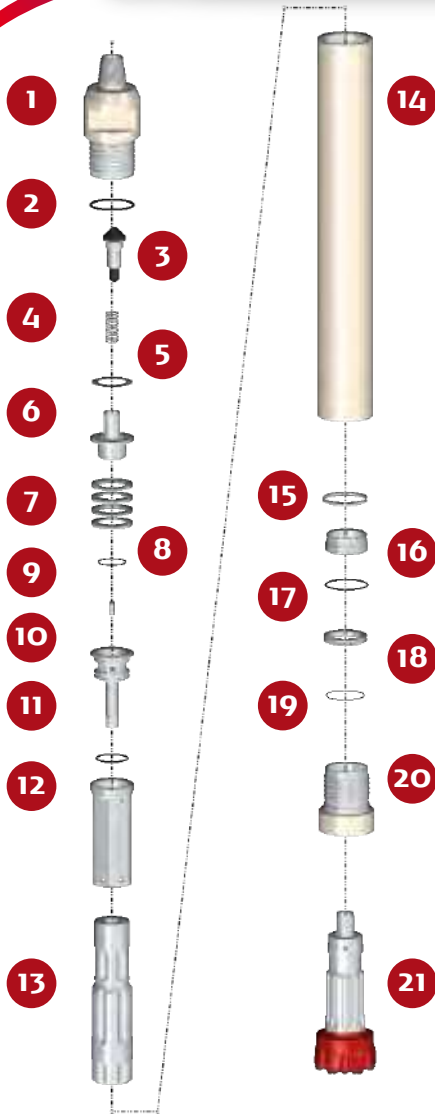
| AIR CONSUMPTION | | | | | | | | | | | | |
|-----------------|------|-----|-----|-----|-----|-----|---------------------|------|------|------|------|------|
| PRESSURE | psig | 150 | 200 | 250 | 300 | 350 | barg | 10.3 | 13.8 | 17.2 | 20.7 | 24.1 |
| VOLUME | SCFM | 256 | 379 | 501 | 624 | 746 | m ³ /min | 8.8 | 12.1 | 15.4 | 18.8 | 22 |

Check 03/2020

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PUMA M5.2 EHD QL 5

HAMMER TYPE /EHD(Extra Heavy Duty) CODE / 0006050-160001



SPARE PARTS

| ITEM / DESCRIPTION | kg | lb | CODE |
|---|------|------|----------------|
| 2 Backhead EHD 2 3/8" Reg. M ⁽¹⁾⁽²⁾ | 11.6 | 25.6 | 0106050-010026 |
| 2 Backhead O'Ring | 0.0 | 0.0 | C180010-002341 |
| 3 Check Valve Dart | 0.4 | 0.9 | 0101050-030000 |
| 4 Spring | 0.1 | 0.1 | 0101050-040000 |
| 5 Make Up Ring Shim ⁽²⁾ | 0.1 | 0.1 | 0101050-180000 |
| 6 Air Distributor | 1.2 | 2.6 | 0106050-050000 |
| 7 Compression Disk (Qty.4) | 0.7 | 1.5 | 0106050-060000 |
| 8 Air Distributor O'Ring | 0.0 | 0.0 | C180010-002141 |
| 9 Choke ⁽³⁾ | 0.0 | 0.0 | 0101050-070000 |
| 10 Air Guide | 1.7 | 3.8 | 0106050-080001 |
| 11 Air Guide O'Ring | 0.0 | 0.0 | C180010-002231 |
| 12 Cylinder | 2.7 | 6.0 | 0106050-100000 |
| 13 Piston QL 5 | 14.1 | 31.1 | 0106050-120010 |
| 14 Wear Sleeve EHD | 23.8 | 52.4 | 0106050-110020 |
| 15 Piston Retainer Ring | 0.2 | 0.4 | 0106050-140000 |
| 16 Bit Guide QL 5 | 0.6 | 1.3 | 0106050-200002 |
| 17 Bit Guide O'Ring | 0.0 | 0.0 | C180010-002238 |
| 18 Bit Retainer QL 5 | 0.2 | 0.4 | 0106050-150004 |
| 19 Bit Retainer O'Ring | 0.0 | 0.0 | C180010-002042 |
| 20 Chuck EHD QL 5 | 3.2 | 7.0 | 0106050-170030 |
| 21 Bit QL 5 | - | - | - |

(1) Other thread types can be delivered at request.

(2) Not installed in new hammers.

(3) Different choke size are available

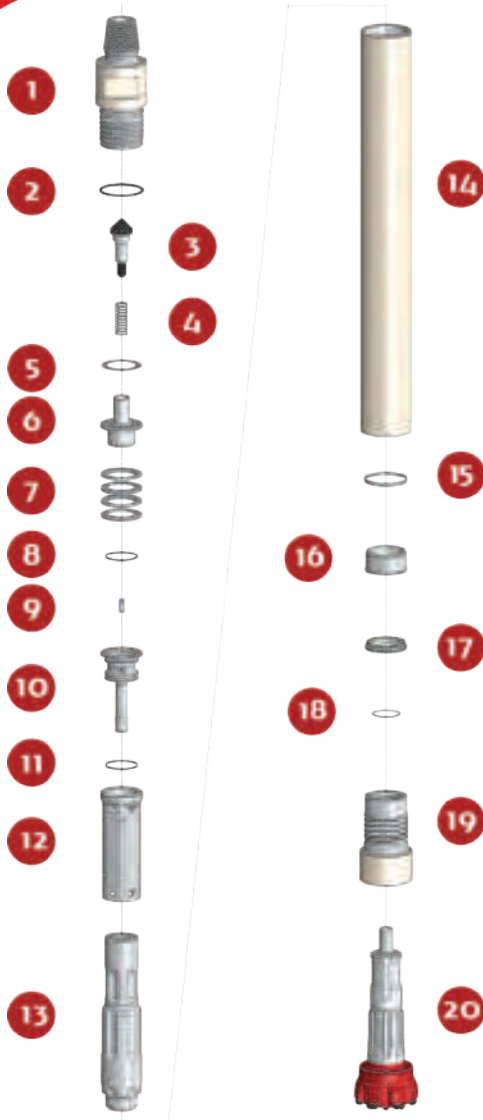
GENERAL DESCRIPTION

| NET WEIGHT | | OUTSIDE DIAMETER | | HAMMER LENGTH | | HAMMER LENGTH WITH BIT | | | |
|------------|-----|--------------------|---------------------|---------------|------|------------------------|------|--------------|------|
| | | | | | | CLOSED BIT | | EXTENDED BIT | |
| kg | lb | mm | in | mm | in | mm | in | mm | in |
| 89 | 197 | 123 ⁽²⁾ | 4.84 ⁽²⁾ | 1073 | 42.2 | 1178 | 46.3 | 1213 | 47.7 |

| AIR CONSUMPTION | | | | | | | | | | | | |
|-----------------|------|-----|-----|-----|-----|-----|---------------------|------|------|------|------|------|
| PRESSURE | psig | 150 | 200 | 250 | 300 | 350 | bar _g | 10.3 | 13.8 | 17.2 | 20.7 | 24.1 |
| VOLUME | SCFM | 256 | 379 | 501 | 624 | 746 | m ³ /min | 8.8 | 12.0 | 15.4 | 18.7 | 22.0 |

PUMA M5.2 SD5

HAMMER TYPE / S (Standard) CODE / 0006050-000010



SPARE PARTS

| ITEM / DESCRIPTION | kg | lb | CODE |
|--|------|------|----------------|
| 1 Backhead 3 1/2" API Reg. Pin ⁽¹⁾ | 11.7 | 25.7 | 0101050-010000 |
| 2 O'ring | 0 | 0 | C180010-002341 |
| 3 Check Valve Dart | 0.4 | 0.9 | 0101050-030000 |
| 4 Spring | 0 | 0.1 | 0101050-040000 |
| 5 Make up Ring Shim ⁽²⁾ | 0 | 0.1 | 0101050-180000 |
| 6 Air Distributor | 1.2 | 2.6 | 0106050-050000 |
| 7 Compression Disk (Qty:4) | 0.7 | 1.5 | 0106050-060000 |
| 8 O'ring | 0 | 0 | C180010-002231 |
| 9 Choke ⁽³⁾ | 0 | 0 | 0101050-070000 |
| 10 Air Guide | 1.7 | 3.8 | 0106050-080001 |
| 11 O'ring | 0 | 0 | C180010-002237 |
| 12 Cylinder | 2.7 | 6 | 0106050-100000 |
| 13 Piston SD-5 | 14.1 | 31.1 | 0106050-120012 |
| 14 Wear Sleeve | 24.4 | 53.8 | 0106050-110000 |
| 15 Stop Ring | 0.1 | 0.2 | 0101050-130000 |
| 16 Spacer | 0.6 | 1.3 | 0101050-190000 |
| 17 Bit Retainer | 0.4 | 0.8 | 0101050-150001 |
| 18 O'ring | 0 | 0 | C180010-002141 |
| 19 Chuck SD-5 | 5.3 | 11.6 | 0101050-170001 |
| 20 Bit SD 5 | - | - | - |

(1) Other thread types can be delivered at request
 (2) Not installed in new hammers
 (3) Different choke sizes are available

GENERAL DESCRIPTION

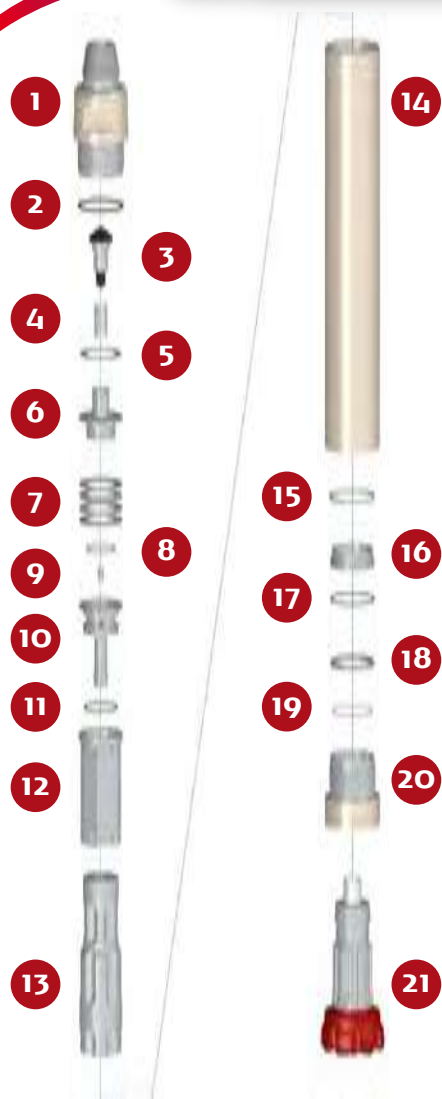
| NET WEIGHT | | OUTSIDE DIAMETER | | HAMMER LENGTH | | HAMMER LENGTH WITH BIT | | | |
|------------|-----|------------------|-----|---------------|------|------------------------|------|--------------|------|
| kg | lb | mm | in | mm | in | CLOSED BIT | | EXTENDED BIT | |
| 63 | 139 | 115 | 4.5 | 1073 | 42.2 | 1178 | 46.4 | 1213 | 47.8 |

| AIR CONSUMPTION | | | | | | | | | | | | |
|-----------------|------|-----|-----|-----|-----|-----|---------------------|------|------|------|------|------|
| PRESSURE | psig | 150 | 200 | 250 | 300 | 350 | barg | 10.3 | 13.8 | 17.2 | 20.7 | 24.1 |
| VOLUME | SCFM | 310 | 425 | 542 | 660 | 775 | m ³ /min | 8.8 | 12.1 | 15.4 | 18.8 | 22 |

Check 02/2018

PUMA M5.2 HV QL 5

HAMMER TYPE / HD (Heavy Duty) CODE / 0006050-010007



SPARE PARTS

| ITEM / DESCRIPTION | kg / | lb | CODE |
|---|------|------|----------------|
| 1 HD Backhead 3 1/2" API Reg. Pin ⁽¹⁾ | 11.7 | 25.8 | 0106050-010003 |
| 2 O'Ring | 0.0 | 0.0 | C180010-002341 |
| 3 Check Valve Dart | 0.4 | 0.9 | 0101050-030000 |
| 4 Spring | 0.1 | 0.1 | 0101050-040000 |
| 5 Make Up Ring Shim ⁽²⁾ | 0.1 | 0.1 | 0101050-180000 |
| 6 Air Distributor | 1.2 | 2.6 | 0106050-050000 |
| 7 Compression Disk (Qty.4) | 0.7 | 1.5 | 0106050-060000 |
| 8 O'Ring | 0.0 | 0.0 | C180010-002141 |
| 9 Choke ⁽³⁾ | 0.0 | 0.0 | 0101050-070000 |
| 10 Air Guide | 1.7 | 3.8 | 0106050-080001 |
| 11 O'Ring | 0.0 | 0.0 | C180010-002231 |
| 12 Cylinder | 2.7 | 6.0 | 0106050-100000 |
| 13 HV Piston QL 5 | 13.9 | 30.6 | 0106050-120013 |
| 14 HD Wear Sleeve | 28.4 | 62.4 | 0106050-110006 |
| 15 Piston Retainer Ring | 0.2 | 0.4 | 0106050-140000 |
| 16 Bit Guide QL 5 | 0.6 | 1.3 | 0106050-200002 |
| 17 O'Ring | 0.0 | 0.0 | C180010-002238 |
| 18 Bit Retainer QL 5 | 0.2 | 0.4 | 0106050-150004 |
| 19 O'Ring | 0.0 | 0.0 | C180010-002042 |
| 20 HD Chuck QL 5 | 3.5 | 7.7 | 0106050-170011 |
| 21 Bit QL 5 | - | - | - |

(1) Other thread types can be delivered at request.
 (2) Not installed in new hammers.
 (3) Different Choke sizes are available.
 HV High consumption.
 HD Heavy Duty.

GENERAL DESCRIPTION

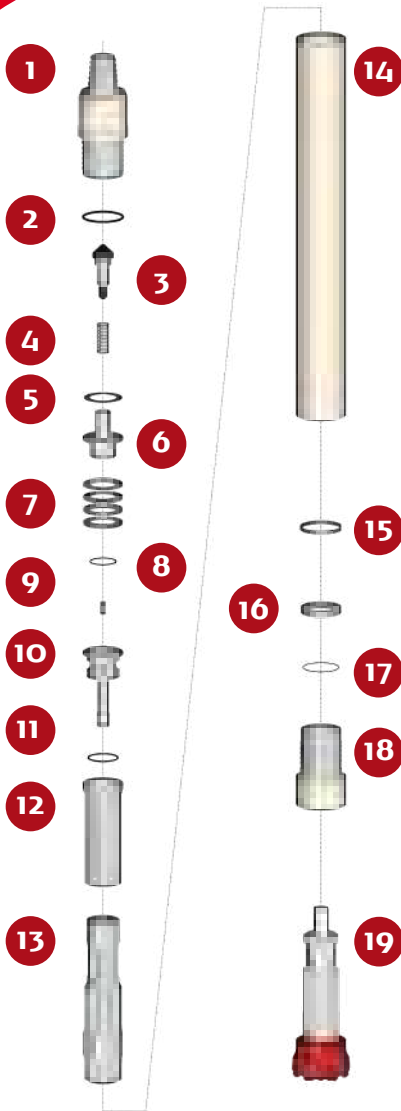
| NET WEIGHT | | OUTSIDE DIAMETER | | HAMMER LENGTH | | HAMMER LENGTH WITH BIT | | | |
|------------|-----|------------------|------|---------------|------|------------------------|------|--------------|------|
| kg | lb | mm | in | mm | in | CLOSED BIT | | EXTENDED BIT | |
| 65 | 144 | 118 | 4.64 | 1073 | 42.2 | mm | in | mm | in |
| | | | | | | 1178 | 46.3 | 1213 | 47.7 |

| AIR CONSUMPTION | | | | | | | | | | | | |
|-----------------|------|-----|-----|-----|-----|-----|---------------------|------|------|------|------|------|
| PRESSURE | psig | 150 | 200 | 250 | 300 | 350 | barg | 10.3 | 13.8 | 17.2 | 20.7 | 24.1 |
| VOLUME | SCFM | 252 | 400 | 548 | 696 | 844 | m ³ /min | 9.3 | 13.3 | 17.4 | 21.4 | 25.4 |

Check. 02/2020

PUMA M5.2 HV DHD 350

HAMMER TYPE / HD (Heavy Duty) CODE / 0006050-010008



SPARE PARTS

| ITEM / DESCRIPTION | kg | lb | CODE |
|--|------|------|----------------|
| 1 HD Backhead Cubex - 24 Pin ⁽¹⁾ | 10.9 | 24.0 | 0101050-010035 |
| 2 O'Ring | 0.0 | 0.0 | C180010-002341 |
| 3 Check Valve Dart | 0.4 | 0.9 | 0101050-030000 |
| 4 Spring | 0.1 | 0.1 | 0101050-040000 |
| 5 Make Up Ring Shim ⁽²⁾ | 0.1 | 0.1 | 0101050-180000 |
| 6 Air Distributor | 1.2 | 2.6 | 0106050-050000 |
| 7 Compression Disk (Qty.4) | 0.7 | 1.5 | 0106050-060000 |
| 8 O'Ring | 0.0 | 0.0 | C180010-002141 |
| 9 Choke ⁽³⁾ | 0.0 | 0.0 | 0101050-070000 |
| 10 Air Guide | 1.7 | 3.8 | 0106050-080001 |
| 11 O'Ring | 0.0 | 0.0 | C180010-002231 |
| 12 Cylinder | 2.7 | 6.0 | 0106050-100000 |
| 13 HV Piston DHD 350 | 14.2 | 31.2 | 0106050-120016 |
| 14 HD Wear Sleeve | 28.5 | 62.7 | 0106050-110002 |
| 15 Piston Retainer Ring | 0.2 | 0.4 | 0106050-140000 |
| 16 Bit Retainer DHD 350 | 0.3 | 0.7 | 0106050-150000 |
| 17 O'Ring | 0.0 | 0.0 | C180010-002236 |
| 18 HD Chuck DHD 350 | 5.0 | 10.9 | 0106050-170004 |
| 19 Bit DHD 350 | - | - | - |

(1) Other thread types can be delivered at request.

(2) Not installed in new hammers.

(3) Different Choke sizes are available.

HV High consumption

HD Heavy Duty

GENERAL DESCRIPTION

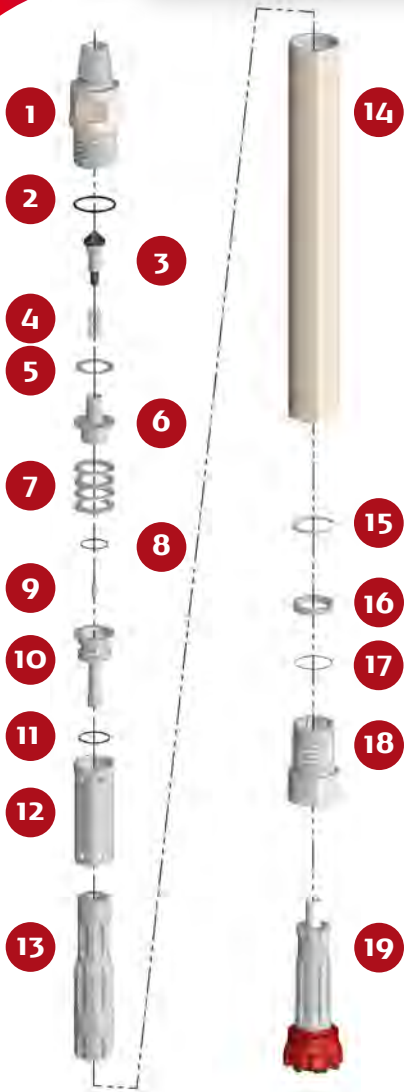
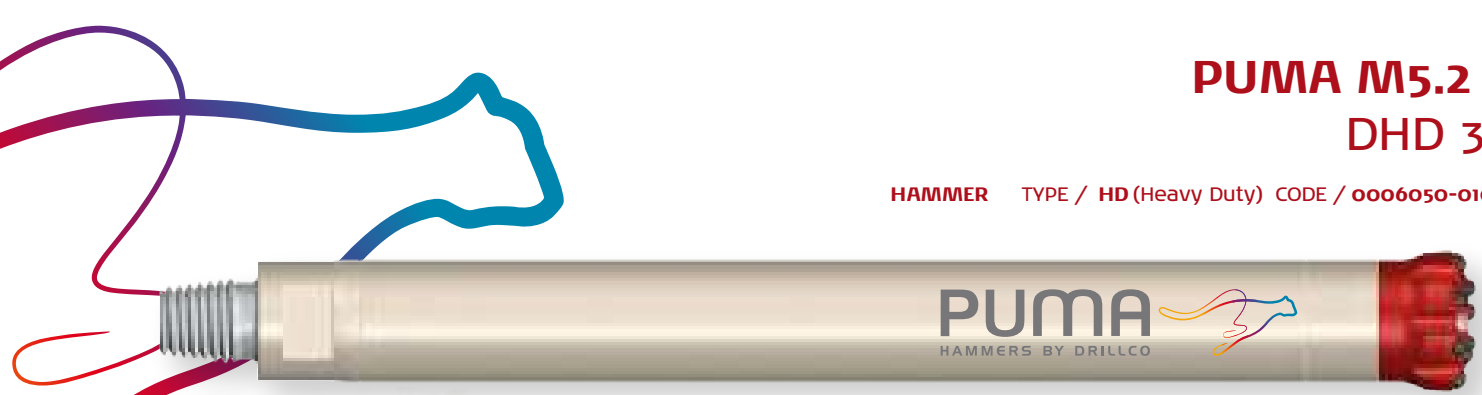
| NET WEIGHT | | OUTSIDE DIAMETER | | HAMMER LENGTH | | HAMMER LENGTH WITH BIT | | | |
|------------|-------|------------------|------|---------------|------|------------------------|------|--------------|------|
| kg | lb | mm | in | mm | in | CLOSED BIT | | EXTENDED BIT | |
| 66 | 145.2 | 118 | 4.64 | 1102 | 43.3 | 1197 | 47.1 | 1235 | 48.6 |

| AIR CONSUMPTION | | | | | | | | | | | | |
|-----------------|------|-----|-----|-----|-----|-----|---------------------|------|------|------|------|------|
| PRESSURE | psig | 150 | 200 | 250 | 300 | 350 | barg | 10.3 | 13.8 | 17.2 | 20.7 | 24.1 |
| VOLUME | SCFM | 328 | 471 | 614 | 757 | 900 | m ³ /min | 9.3 | 13.3 | 17.4 | 21.4 | 25.4 |

Check. 08/2020

PUMA M5.2 HV DHD 350

HAMMER TYPE / HD (Heavy Duty) CODE / 0006050-010005



SPARE PARTS

| ITEM / DESCRIPTION | kg | lb | CODE |
|---|------|------|----------------|
| 1 HD Backhead 3 1/2" API Reg. Pin ⁽¹⁾ | 11.4 | 25.1 | 0101050-010026 |
| 2 O'Ring | 0.0 | 0.0 | C180010-002341 |
| 3 Check Valve Dart | 0.4 | 0.9 | 0101050-030000 |
| 4 Spring | 0.1 | 0.1 | 0101050-040000 |
| 5 Make Up Ring Shim ⁽²⁾ | 0.1 | 0.1 | 0101050-180000 |
| 6 Air Distributor | 1.2 | 2.6 | 0106050-050000 |
| 7 Compression Disk (Qty.4) | 0.7 | 1.5 | 0106050-060000 |
| 8 O'Ring | 0.0 | 0.0 | C180010-002141 |
| 9 Choke ⁽³⁾ | 0.0 | 0.0 | 0101050-070000 |
| 10 Air Guide | 1.7 | 3.8 | 0106050-080001 |
| 11 O'Ring | 0.0 | 0.0 | C180010-002231 |
| 12 Cylinder | 2.7 | 6.0 | 0106050-100000 |
| 13 HV Piston DHD 350 | 14.2 | 31.2 | 0106050-120016 |
| 14 HD Wear Sleeve | 28.4 | 62.5 | 0106050-110002 |
| 15 Piston Retainer Ring | 0.2 | 0.4 | 0106050-140000 |
| 16 Bit Retainer DHD 350 | 0.3 | 0.7 | 0106050-150000 |
| 17 O'Ring | 0.0 | 0.0 | C180010-002236 |
| 18 HD Chuck DHD 350 | 5.0 | 10.9 | 0106050-170004 |
| 19 Bit DHD 350 | - | - | - |

(1) Other thread types can be delivered at request.

(2) Not installed in new hammers.

(3) Different Choke sizes are available.

HV High consumption

HD Heavy Duty

GENERAL DESCRIPTION

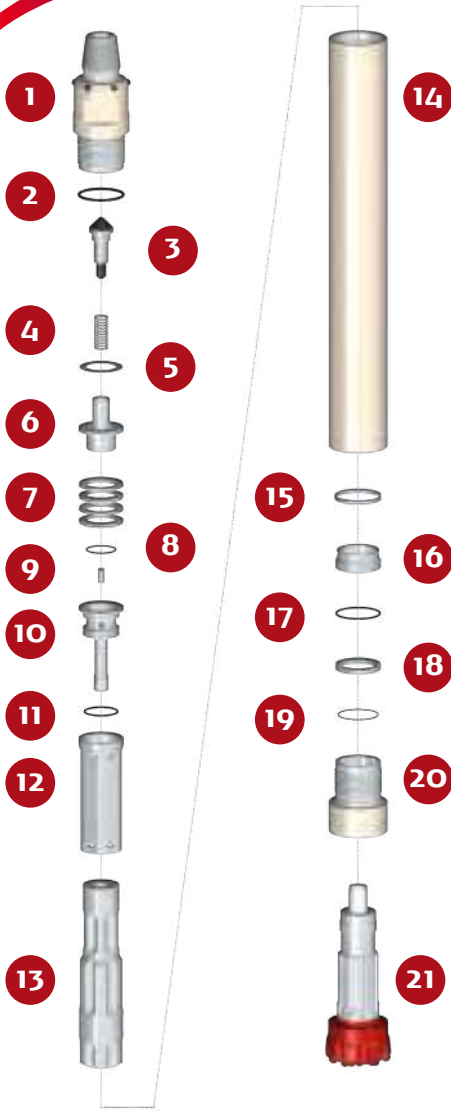
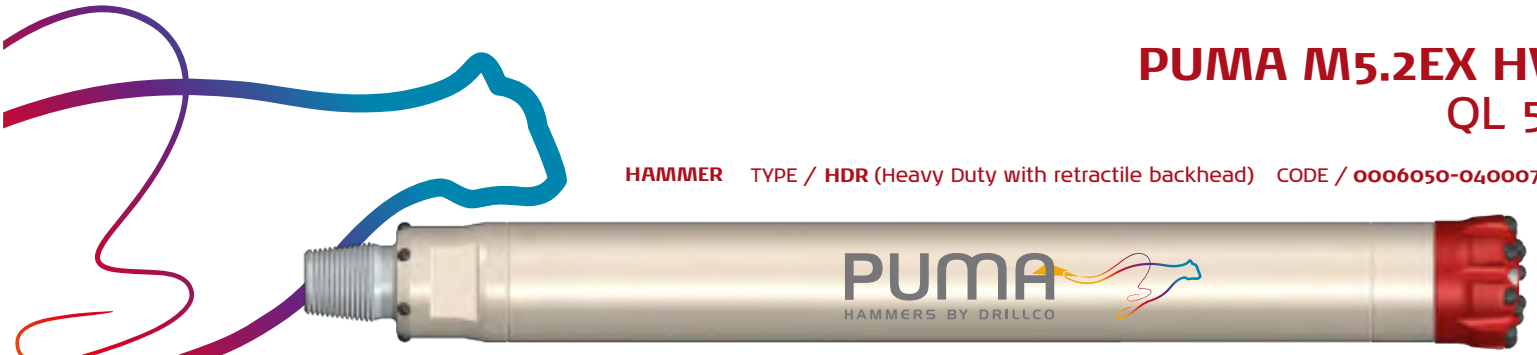
| NET WEIGHT | | OUTSIDE DIAMETER | | HAMMER LENGTH | | HAMMER LENGTH WITH BIT | | | |
|------------|-----|------------------|------|---------------|----|------------------------|------|--------------|------|
| kg | lb | mm | in | mm | in | CLOSED BIT | | EXTENDED BIT | |
| 67 | 146 | 118 | 4.64 | 1093 | 43 | mm | in | mm | in |
| | | | | | | 1188 | 46.7 | 1225 | 48.2 |

| AIR CONSUMPTION | | | | | | | | | | | | |
|-----------------|------|-----|-----|-----|-----|-----|---------------------|------|------|------|------|------|
| PRESSURE | psig | 150 | 200 | 250 | 300 | 350 | barg | 10.3 | 13.8 | 17.2 | 20.7 | 24.1 |
| VOLUME | SCFM | 279 | 425 | 572 | 719 | 866 | m ³ /min | 9.3 | 13.3 | 17.4 | 21.4 | 25.4 |

Check. 03/2020

PUMA M5.2EX HV QL 5

HAMMER TYPE / HDR (Heavy Duty with retractile backhead) CODE / 0006050-040007



SPARE PARTS

| ITEM / DESCRIPTION | kg | lb | CODE |
|---|------|------|----------------|
| 1 HDR Backhead 3 1/2" API Reg. 3E ⁽¹⁾ | 11.7 | 25.8 | 0106050-010019 |
| 2 O'Ring | 0.0 | 0.0 | C180010-002341 |
| 3 Check Valve Dart | 0.4 | 0.9 | 0101050-030000 |
| 4 Spring | 0.1 | 0.1 | 0101050-040000 |
| 5 Make Up Ring Shim ⁽²⁾ | 0.1 | 0.1 | 0101050-180000 |
| 6 Air Distributor | 1.2 | 2.6 | 0106050-050000 |
| 7 Compression Disk (Qty.4) | 0.7 | 1.5 | 0106050-060000 |
| 8 O'Ring | 0.0 | 0.0 | C180010-002141 |
| 9 Choke ⁽³⁾ | 0.0 | 0.0 | 0101050-070000 |
| 10 Air Guide | 1.7 | 3.8 | 0106050-080001 |
| 11 O'Ring | 0.0 | 0.0 | C180010-002231 |
| 12 Cylinder | 2.7 | 6.0 | 0106050-100000 |
| 13 HV Piston QL 5 | 13.9 | 30.6 | 0106050-120013 |
| 14 HD Wear Sleeve 3E | 28.4 | 62.4 | 0106050-110017 |
| 15 Piston Retainer Ring | 0.2 | 0.4 | 0106050-140000 |
| 16 Bit Guide QL 5 | 0.6 | 1.3 | 0106050-200002 |
| 17 O'Ring | 0.0 | 0.0 | C180010-002238 |
| 18 Bit Retainer QL 5 | 0.2 | 0.4 | 0106050-150004 |
| 19 O'Ring | 0.0 | 0.0 | C180010-002042 |
| 20 HD Chuck QL 5 3E | 3.5 | 7.7 | 0106050-170027 |
| 21 Bit QL 5 | - | - | - |

(1) Other thread types can be delivered at request.
 (2) Not installed in new hammers.
 (3) Different Choke size are available.
 HV: High air consumption.
 HD: Heavy Duty.
 3E: 3 entries thread.

GENERAL DESCRIPTION

| NET WEIGHT | | OUTSIDE DIAMETER | | HAMMER LENGTH | | HAMMER LENGTH WITH BIT | | | |
|------------|-----|------------------|------|---------------|------|------------------------|------|--------------|------|
| kg | lb | mm | in | mm | in | CLOSED BIT | | EXTENDED BIT | |
| 67 | 147 | 123 | 4.84 | 1073 | 42.2 | mm | in | mm | in |
| | | | | | | 1178 | 46.3 | 1213 | 47.7 |

AIR CONSUMPTION

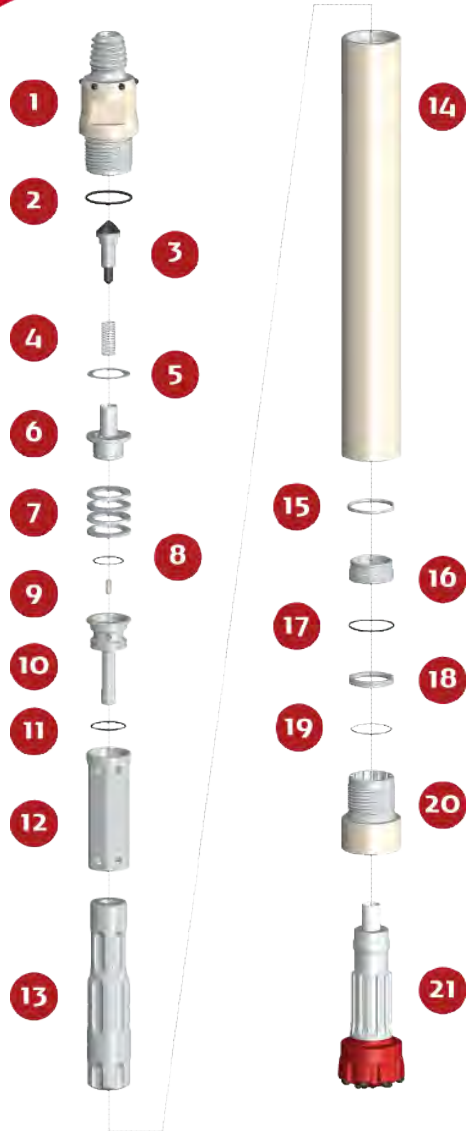
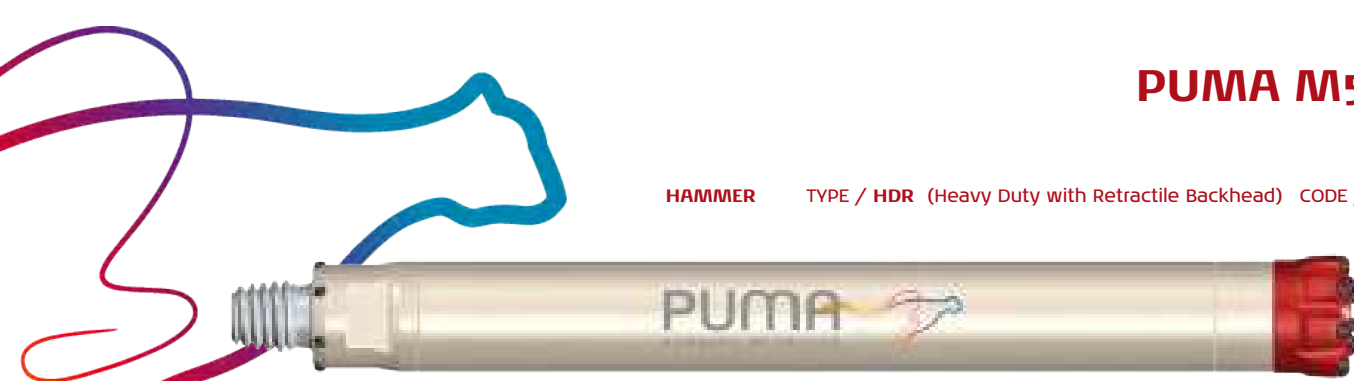
| PRESSURE | psig | 150 | 200 | 250 | 300 | 350 | bar _g | 10.3 | 13.8 | 17.2 | 20.7 | 24.1 |
|----------|------|-----|-----|-----|-----|-----|---------------------|------|------|------|------|------|
| VOLUME | SCFM | 328 | 471 | 614 | 757 | 900 | m ³ /min | 9.3 | 13.3 | 17.4 | 21.4 | 25.4 |

Check. 11/2022

PHONE: (56-2) 2431-2200 / www.drillco.com

PUMA M5.2 EX HV QL 5

HAMMER TYPE / HDR (Heavy Duty with Retractable Backhead) CODE / 0006050-040008



SPARE PARTS

| ITEM / DESCRIPTION | kg | lb | CODE |
|---|------|------|----------------|
| 1 HD Retractable Backhead 3" Beco Pin 3E ^{(1) (2) (5)} | 12.2 | 27 | 0106050-010020 |
| 2 O'Ring | 0 | 0 | C180010-002341 |
| 3 Check Valve Dart | 0.4 | 0.9 | 0101050-030000 |
| 4 Spring | 0 | 0.1 | 0101050-040000 |
| 5 Make up Ring Shim ⁽³⁾ | 0 | 0.1 | 0101050-180000 |
| 6 Air Distributor | 1.2 | 2.6 | 0106050-050000 |
| 7 Compression Disk (Qty:4) | 0.7 | 1.5 | 0106050-060000 |
| 8 O'Ring | 0 | 0 | C180010-002141 |
| 9 Choke ⁽⁴⁾ | 0 | 0 | 0101050-070000 |
| 10 Air Guide | 1.7 | 3.8 | 0106050-080001 |
| 11 O'Ring | 0 | 0 | C180010-002231 |
| 12 Cylinder | 2.7 | 6 | 0106050-100000 |
| 13 Piston HV QL5 | 14 | 30.9 | 0106050-120013 |
| 14 HD Wear Sleeve 3E ⁽⁵⁾ | 34.2 | 75.3 | 0106050-110017 |
| 15 Piston Retainer Ring | 0.2 | 0.4 | 0106050-140000 |
| 16 Bit Guide | 0.6 | 1.3 | 0106050-200003 |
| 17 O'Ring | 0 | 0 | C180010-002238 |
| 18 Bit Retainer | 0.2 | 0.5 | 0106050-150004 |
| 19 O'Ring | 0 | 0 | C180010-002042 |
| 20 HD Chuck QL5 3E ⁽⁵⁾ | 4.4 | 9.7 | 0106050-170027 |
| 21 Bit-QL5 | - | - | - |

(1) Other thread types can be delivered at request
 (2) With Retractable insert (ø123mm-4.8 Between insert)
 (3) Not installed in new hammers
 (4) Different Choke sizes are available
 (5) 3E: Threads entries
 (6) HV: High Air Consumption

GENERAL DESCRIPTION

| NET WEIGHT | | OUTSIDE DIAMETER | | HAMMER LENGTH | | HAMMER LENGTH WITH BIT | | | |
|------------|-----|--------------------|--------------------|---------------|------|------------------------|------|--------------|------|
| | | | | | | CLOSED BIT | | EXTENDED BIT | |
| kg | lb | mm | in | mm | in | mm | in | mm | in |
| 72 | 160 | 123 ⁽²⁾ | 4.8 ⁽²⁾ | 1077 | 42.4 | 1182 | 46.5 | 1217 | 47.9 |

AIR CONSUMPTION

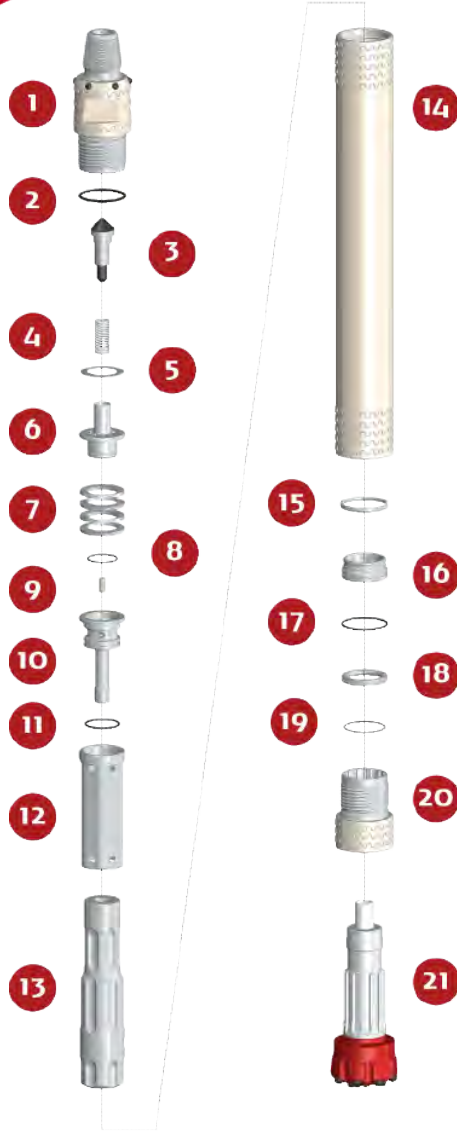
| PRESSURE | psig | 150 | 200 | 250 | 300 | 350 | barg | 10.3 | 13.8 | 17.2 | 20.4 | 24.1 |
|----------|------|-----|-----|-----|-----|-----|---------------------|------|------|------|------|------|
| VOLUME | SCFM | 328 | 471 | 614 | 757 | 900 | m ³ /min | 9.3 | 13.3 | 17.4 | 21.4 | 25.4 |

Check 03/2018

PHONE: (56-2) 2431-2211; (56-2) 2431-2200 / www.drillco.com

PM 5.2EX HV QL 5

HAMMER TYPE / HDWR (Heavy Duty Welding with Retractable Backhead) CODE / 0006050-050033



SPARE PARTS

| ITEM / DESCRIPTION | kg / | lb | CODE |
|---|------|------|----------------|
| 1 HDW Retractable Backhead 3 1/2" Reg Pin 3E ^{(1) (2) (5)} | 13 | 28.7 | 0106050-010017 |
| 2 O`ring | 0 | 0 | C180010-002341 |
| 3 Check Valve Dart | 0.4 | 0.9 | 0101050-030000 |
| 4 Spring | 0 | 0.1 | 0101050-040000 |
| 5 Make up Ring Shim ⁽³⁾ | 0 | 0.1 | 0101050-180000 |
| 6 Air Distributor | 1.2 | 2.6 | 0106050-050000 |
| 7 Compression Disk (Qty:4) | 0.7 | 1.5 | 0106050-060000 |
| 8 O` ring | 0 | 0 | C180010-002141 |
| 9 Choke ⁽⁴⁾ | 0 | 0 | 0101050-070000 |
| 10 Air Guide | 1.7 | 3.8 | 0106050-080001 |
| 11 O` ring | 0 | 0 | C180010-002231 |
| 12 Cylinder | 2.7 | 6 | 0106050-100000 |
| 13 Piston HV QL5 ⁽⁶⁾ | 14 | 30.9 | 0106050-120013 |
| 14 HDW Wear Sleeve 3E ⁽⁵⁾ | 28 | 61.7 | 0106050-110016 |
| 15 Piston Retainer Ring | 0.2 | 0.4 | 0106050-140000 |
| 16 Bit Guide | 0.5 | 1.2 | 0106050-200003 |
| 17 O` ring | 0 | 0 | C180010-002238 |
| 18 Bit Retainer | 0.2 | 0.5 | 0106050-150004 |
| 19 O`Ring | 0 | 0 | C180010-002042 |
| 20 HDW Chuck QL5 3E ⁽⁵⁾ | 4.2 | 9.3 | 0106050-170024 |
| 21 Bit-QL5 | - | - | - |

(1) Other thread types can be delivered at request
 (2) With retractable inserts (ø123mm-4.8" between inserts)
 (3) Not installed in new hammers
 (4) Different Choke sizes are available
 (5) 3E= Threads entries
 (6) HV: High consumption

GENERAL DESCRIPTION

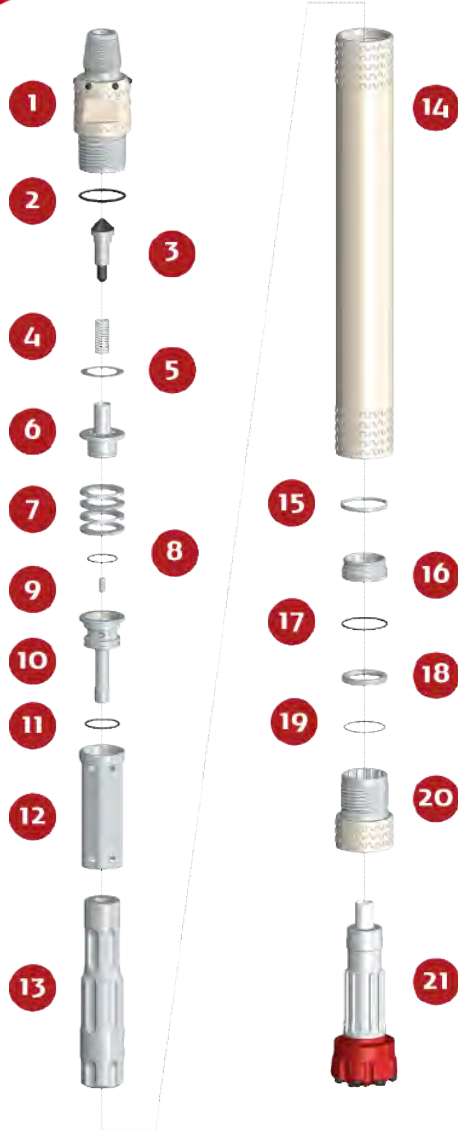
| NET WEIGHT | | OUTSIDE DIAMETER | | HAMMER LENGTH | | HAMMER LENGTH WITH BIT | | | |
|------------|-----|--------------------|--------------------|---------------|------|------------------------|------|--------------|------|
| | | | | | | CLOSED BIT | | EXTENDED BIT | |
| kg | lb | mm | in | mm | in | mm | in | mm | in |
| 67 | 146 | 121 ⁽²⁾ | 4.8 ⁽²⁾ | 1073 | 42.2 | 1178 | 46.4 | 1213 | 47.8 |

| AIR CONSUMPTION | | | | | | | | | | | | |
|-----------------|------|-----|-----|-----|-----|-----|---------------------|------|------|------|------|------|
| PRESSURE | psig | 150 | 200 | 250 | 300 | 350 | barg | 10.3 | 13.8 | 17.2 | 20.4 | 23.8 |
| VOLUME | SCFM | 328 | 471 | 614 | 757 | 900 | m ³ /min | 9.3 | 13.4 | 17.4 | 21.5 | 25.6 |

Check 03/2021

PM 5.2EX HV QL 5

HAMMER TYPE / EHDWR (Extra Heavy Duty Welding with Retractable Backhead) CODE / 0006050-090002



SPARE PARTS

| ITEM / DESCRIPTION | kg | lb | CODE |
|--|------|------|----------------|
| 1 EHDW Retractable Backhead 3 1/2" Reg Pin 3E ^{(1) (2) (5)} | 13 | 28.7 | 0106050-010022 |
| 2 O`ring | 0 | 0 | C180010-002341 |
| 3 Check Valve Dart | 0.4 | 0.9 | 0101050-030000 |
| 4 Spring | 0 | 0.1 | 0101050-040000 |
| 5 Make up Ring Shim ⁽³⁾ | 0 | 0.1 | 0101050-180000 |
| 6 Air Distributor | 1.2 | 2.6 | 0106050-050000 |
| 7 Compression Disk (Qty:4) | 0.7 | 1.5 | 0106050-060000 |
| 8 O` ring | 0 | 0 | C180010-002141 |
| 9 Choke ⁽⁴⁾ | 0 | 0 | 0101050-070000 |
| 10 Air Guide | 1.7 | 3.8 | 0106050-080003 |
| 11 O` ring | 0 | 0 | C180010-002231 |
| 12 Cylinder | 2.7 | 6 | 0106050-100001 |
| 13 Piston HV QL5 ⁽⁶⁾ | 14 | 30.9 | 0106050-120013 |
| 14 EHDW Wear Sleeve 3E ⁽⁵⁾ | 34.3 | 75.6 | 0106050-110018 |
| 15 Piston Retainer Ring | 0.2 | 0.4 | 0106050-140000 |
| 16 Bit Guide | 0.5 | 1.2 | 0106050-200003 |
| 17 O` ring | 0 | 0 | C180010-002238 |
| 18 Bit Retainer | 0.2 | 0.5 | 0106050-150004 |
| 19 O`Ring | 0 | 0 | C180010-002042 |
| 20 EHDW Chuck QL5 3E ⁽⁵⁾ | 4.2 | 9.3 | 0106050-170028 |
| 21 Bit-QL5 | - | - | - |

(1) Other thread types can be delivered at request
 (2) With retractable inserts (ø123mm-4.8" between inserts)
 (3) Not installed in new hammers
 (4) Different Choke sizes are available
 (5) 3E= Threads entries
 (6) HV: High consumption

GENERAL DESCRIPTION

| NET WEIGHT | | OUTSIDE DIAMETER | | HAMMER LENGTH | | HAMMER LENGTH WITH BIT | | | |
|------------|-----|--------------------|--------------------|---------------|------|------------------------|------|--------------|------|
| | | | | | | CLOSED BIT | | EXTENDED BIT | |
| kg | lb | mm | in | mm | in | mm | in | mm | in |
| 73 | 161 | 126 ⁽²⁾ | 4.9 ⁽²⁾ | 1073 | 42.2 | 1178 | 46.4 | 1213 | 47.8 |

| AIR CONSUMPTION | | | | | | | | | | | | |
|-----------------|------|-----|-----|-----|-----|-----|---------------------|------|------|------|------|------|
| PRESSURE | psig | 150 | 200 | 250 | 300 | 350 | barg | 10.3 | 13.8 | 17.2 | 20.4 | 23.8 |
| VOLUME | SCFM | 328 | 471 | 614 | 757 | 900 | m ³ /min | 9.3 | 13.4 | 17.4 | 21.5 | 25.6 |

Check 11/2022

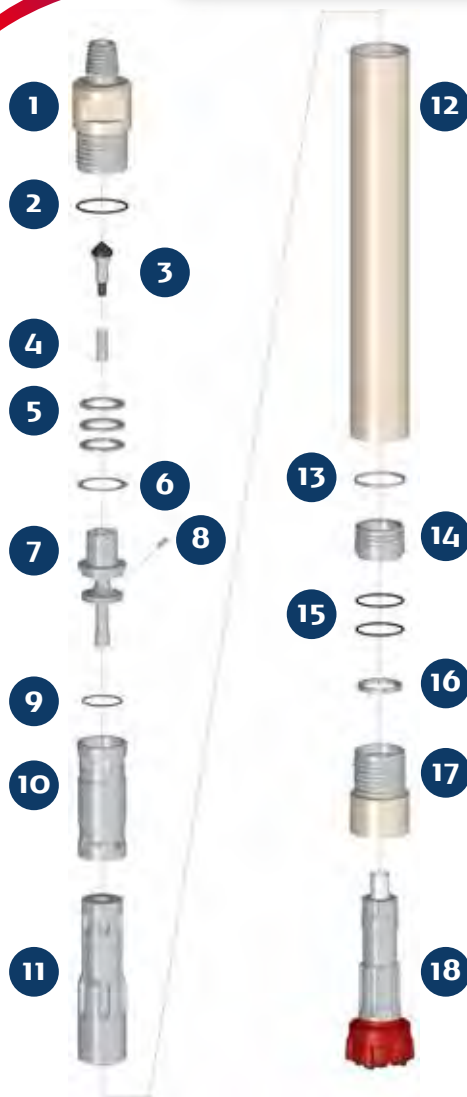
PHONE: (56-2) 2431-2200 / www.drillco.com

PUMA M6.2 DHD 360

HAMMER

TYPE / S (Standard)

CODE / 0006060-000021



SPARE PARTS

| ITEM / DESCRIPTION | kg | lb | CODE |
|--|------|------|----------------|
| 1 Backhead 3 1/2" API Reg. Pin ⁽¹⁾ | 17.7 | 38.9 | 0106060-010008 |
| 2 Backhead O'Ring | 0.0 | 0.0 | C180010-002349 |
| 3 Check Valve Dart | 0.4 | 0.9 | 0101050-030000 |
| 4 Spring | 0.1 | 0.1 | 0101060-040000 |
| 5 Compression Disk (Qty:3) | 0.8 | 1.7 | 0106060-060003 |
| 6 Make Up Ring Shim ⁽²⁾ | 0.1 | 0.1 | 0101060-180000 |
| 7 Air Guide | 4.3 | 9.5 | 0106060-080009 |
| 8 Choke ⁽³⁾ | 0.0 | 0.0 | 0101050-070000 |
| 9 Air Guide O'Ring | 0.0 | 0.0 | C180010-002238 |
| 10 Cylinder | 4.4 | 9.7 | 0106060-100006 |
| 11 Piston DHD 360 | 22.8 | 50.2 | 0106060-120005 |
| 12 Wear Sleeve | 32.4 | 71.2 | 0106060-110005 |
| 13 Piston Retainer Ring | 0.1 | 0.1 | 0101060-130001 |
| 14 Bit Guide DHD 360 | 2.0 | 4.4 | 0106060-140004 |
| 15 Bit Guide O'Ring (Qty:2) | 0.0 | 0.0 | C180010-002346 |
| 16 Bit Retainer DHD 360 | 0.3 | 0.6 | 0101060-150002 |
| 17 Chuck DHD 360 | 9.2 | 20.2 | 0106060-170017 |
| 18 Bit DHD 360 | - | - | - |

(1) Other thread types can be delivered at request.

(2) Not installed in new hammers.

(3) Different choke size are available

GENERAL DESCRIPTION

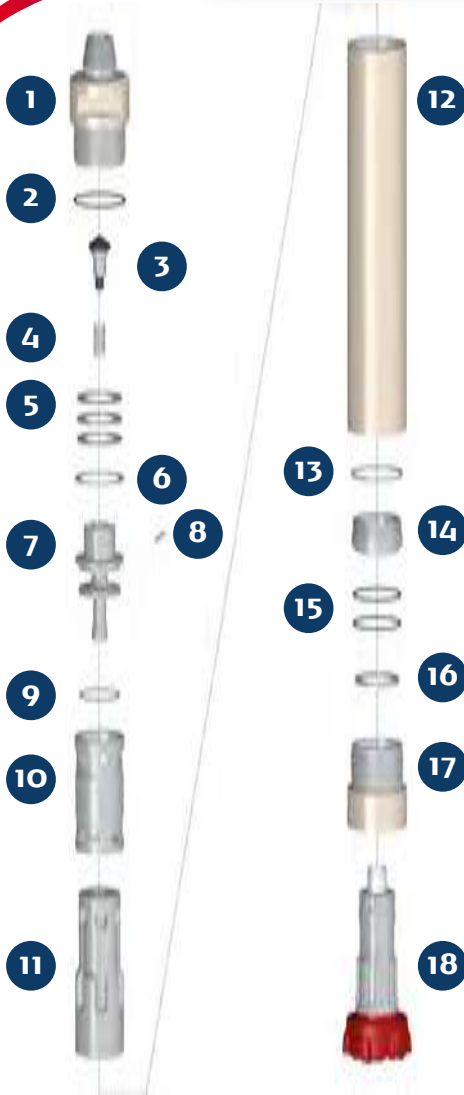
| NET WEIGHT | | OUTSIDE DIAMETER | | HAMMER LENGTH | | HAMMER LENGTH WITH BIT | | | |
|------------|-----|------------------|------|---------------|------|------------------------|------|--------------|------|
| | | | | | | CLOSED BIT | | EXTENDED BIT | |
| kg | lb | mm | in | mm | in | mm | in | mm | in |
| 95 | 209 | 141.5 | 5.57 | 1151.2 | 45.3 | 1256 | 49.4 | 1296 | 51.0 |

| AIR CONSUMPTION | | | | | | | | | | | | |
|-----------------|------|-----|-----|-----|-----|-----|---------------------|------|------|------|------|------|
| PRESSURE | psig | 150 | 200 | 250 | 300 | 350 | bar _g | 10.3 | 13.8 | 17.2 | 20.7 | 24.1 |
| VOLUME | SCFM | 290 | 450 | 610 | 760 | 895 | m ³ /min | 8.2 | 12.7 | 17.3 | 21.5 | 25.3 |

Check 10/2022

PUMA M6.2 HV DHD 360

HAMMER TYPE / S (Standard) CODE / 0006060-000035



SPARE PARTS

| ITEM / DESCRIPTION | kg | lb | CODE |
|--|------|------|----------------|
| 1 Backhead 3 1/2" API Reg. Pin ⁽¹⁾ | 17.7 | 38.9 | 0106060-010008 |
| 2 O'Ring | 0.0 | 0.0 | C180010-002349 |
| 3 Check Valve Dart | 0.4 | 0.9 | 0101050-030000 |
| 4 Spring | 0.1 | 0.1 | 0101060-040000 |
| 5 Compression Disk (Qty:3) | 0.8 | 1.7 | 0106060-060003 |
| 6 Make Up Ring Shim ⁽²⁾ | 0.1 | 0.1 | 0101060-180000 |
| 7 Air Guide | 4.3 | 9.5 | 0106060-080002 |
| 8 Choke ⁽³⁾ | 0.0 | 0.0 | 0101050-070000 |
| 9 O'Ring | 0.0 | 0.0 | C180010-002238 |
| 10 Cylinder | 4.4 | 9.7 | 0106060-100003 |
| 11 HV Piston DHD 360 ⁽⁴⁾ | 22.8 | 50.2 | 0106060-120028 |
| 12 Wear Sleeve | 32.4 | 71.2 | 0106060-110005 |
| 13 Piston Retainer Ring | 0.1 | 0.1 | 0101060-130001 |
| 14 Bit Guide DHD 360 | 2.0 | 4.4 | 0106060-140004 |
| 15 O'Ring (Qty:2) | 0.0 | 0.0 | C180010-002346 |
| 16 Bit Retainer DHD 360 | 0.3 | 0.6 | 0101060-150002 |
| 17 Chuck DHD 360 | 9.2 | 20.2 | 0106060-170017 |
| 18 Bit DHD 360 | - | - | - |

(1) Other thread types can be delivered at request.
 (2) Not installed in new hammers.
 (3) Different Choke sizes are available.
 (4) HV High air Consumption

GENERAL DESCRIPTION

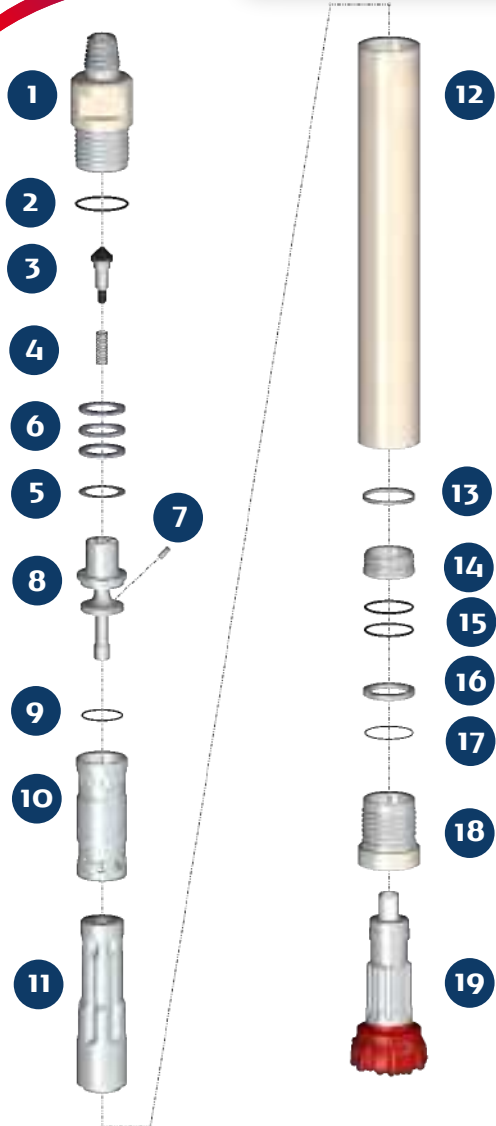
| NET WEIGHT | | OUTSIDE DIAMETER | | HAMMER LENGTH | | HAMMER LENGTH WITH BIT | | | |
|------------|-----|------------------|------|---------------|------|------------------------|------|--------------|------|
| | | | | | | CLOSED BIT | | EXTENDED BIT | |
| kg | lb | mm | in | mm | in | mm | in | mm | in |
| 95 | 209 | 141.5 | 5.57 | 1151 | 45.3 | 1256 | 49.4 | 1296 | 51.0 |

| AIR CONSUMPTION | | | | | | | | | | | | |
|-----------------|------|-----|-----|-----|-----|------|---------------------|------|------|------|------|------|
| PRESSURE | psig | 150 | 200 | 250 | 300 | 350 | barg | 10.3 | 13.8 | 17.2 | 20.7 | 24.1 |
| VOLUME | SCFM | 340 | 558 | 722 | 886 | 1050 | m ³ /min | 9.7 | 15.8 | 20.5 | 25.2 | 29.8 |

Check. 09/2018

PUMA M6.2 QL 6

HAMMER TYPE / S (Standard) CODE / 0006060-000020



SPARE PARTS

| ITEM / DESCRIPTION | kg / | lb | CODE |
|--|------|------|----------------|
| 1 Backhead 3 1/2" Reg. Pin ⁽¹⁾ | 17.7 | 38.9 | 0106060-010008 |
| 2 O'Ring | 0.0 | 0.0 | C180010-002349 |
| 3 Check Valve Dart | 0.4 | 0.9 | 0101050-030000 |
| 4 Check Valve Spring | 0.1 | 0.1 | 0101060-040000 |
| 5 Make Up Ring Shim ⁽²⁾ | 0.1 | 0.1 | 0101060-180000 |
| 6 Compression Disk (Qty:3) | 0.8 | 1.7 | 0106060-060003 |
| 7 Choke ⁽³⁾ | 0.0 | 0.0 | 0101050-070000 |
| 8 Air Guide | 4.3 | 9.5 | 0106060-080002 |
| 9 O'Ring | 0.0 | 0.0 | C180010-002238 |
| 10 Cylinder | 4.4 | 9.7 | 0106060-100003 |
| 11 Piston QL 6 | 22.0 | 48.4 | 0106060-120009 |
| 12 Wear Sleeve | 32.4 | 71.2 | 0106060-110005 |
| 13 Piston Retainer Ring | 0.1 | 0.1 | 0101060-130001 |
| 14 Bit Guide QL 6 | 1.3 | 2.9 | 0106060-140003 |
| 15 O'Ring (Qty: 2) | 0.0 | 0.0 | C180010-002346 |
| 16 Bit Retainer QL 6 | 0.4 | 0.9 | 0106060-150004 |
| 17 O'Ring | 0.0 | 0.0 | C180010-002155 |
| 18 Chuck QL 6 | 5.1 | 11.2 | 0106060-170016 |
| 19 Bit QL 6 | - | - | - |

(1) Other thread types can be delivered at request.

(2) Not installed in new hammers.

(3) Different Choke size are available.

GENERAL DESCRIPTION

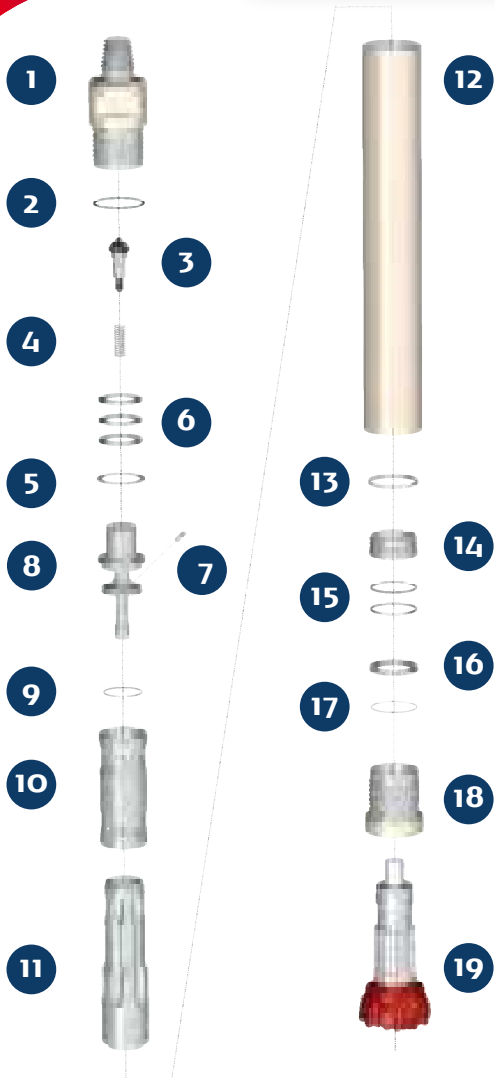
| NET WEIGHT | | OUTSIDE DIAMETER | | HAMMER LENGTH | | HAMMER LENGTH WITH BIT | | | |
|------------|-----|------------------|------|---------------|------|------------------------|------|--------------|------|
| | | | | | | CLOSED BIT | | EXTENDED BIT | |
| kg | lb | mm | in | mm | in | mm | in | mm | in |
| 89 | 196 | 141.5 | 5.57 | 1098 | 43.2 | 1201 | 47.2 | 1241 | 48.8 |

| | | | | | | | | | | | | |
|-----------------|-------------|-----|-----|-----|-----|-----|--------------------------|------|------|------|------|------|
| PRESSURE | psig | 150 | 200 | 250 | 300 | 350 | barg | 10.3 | 13.8 | 17.2 | 20.7 | 24.1 |
| VOLUME | SCFM | 290 | 450 | 610 | 760 | 895 | m³/min | 8.2 | 12.7 | 17.3 | 21.5 | 25.3 |

Check. 09/2022

PUMA M6.2 HV QL 6

HAMMER TYPE / S (Standard) CODE / 0006060-000037



SPARE PARTS

| ITEM / DESCRIPTION | kg / | lb | CODE |
|--|------|------|----------------|
| 1 Backhead 3 1/2" Reg. Pin ⁽¹⁾ | 17.7 | 38.9 | 0106060-010008 |
| 2 O'Ring | 0.0 | 0.0 | C180010-002349 |
| 3 Check Valve Dart | 0.4 | 0.9 | 0101050-030000 |
| 4 Check Valve Spring | 0.1 | 0.1 | 0101060-040000 |
| 5 Make Up Ring Shim ⁽²⁾ | 0.1 | 0.1 | 0101060-180000 |
| 6 Compression Disk (Qty:3) | 0.8 | 1.7 | 0106060-060003 |
| 7 Choke ⁽³⁾ | 0.0 | 0.0 | 0101050-070000 |
| 8 Air Guide | 4.3 | 9.5 | 0106060-080002 |
| 9 O'Ring | 0.0 | 0.0 | C180010-002238 |
| 10 Cylinder | 4.4 | 9.7 | 0106060-100003 |
| 11 HV Piston QL 6 | 22.0 | 48.4 | 0106060-120022 |
| 12 Wear Sleeve | 32.4 | 71.2 | 0106060-110005 |
| 13 Piston Retainer Ring | 0.1 | 0.1 | 0101060-130001 |
| 14 Bit Guide QL 6 | 1.3 | 2.9 | 0106060-140003 |
| 15 O'Ring (Qty:2) | 0.0 | 0.0 | C180011-002346 |
| 16 Bit Retainer QL 6 | 0.4 | 0.9 | 0106060-150004 |
| 17 O'Ring | 0.0 | 0.0 | C180010-002155 |
| 18 Chuck QL 6 | 5.1 | 11.2 | 0106060-170016 |
| 19 Bit QL 6 | - | - | - |

(1) Other thread types can be delivered at request.
 (2) Not installed in new hammers.
 (3) Different Choke sizes are available.
 HV High Consumption

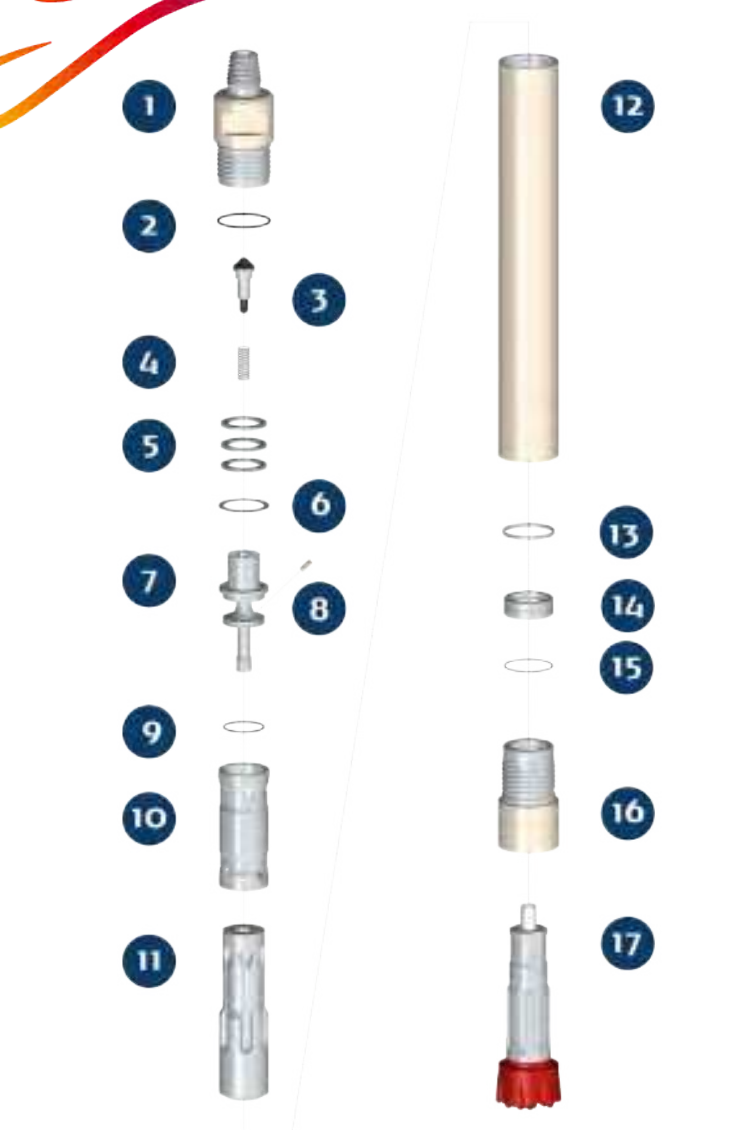
GENERAL DESCRIPTION

| NET WEIGHT | | OUTSIDE DIAMETER | | HAMMER LENGTH | | HAMMER LENGTH WITH BIT | | | | | | |
|-----------------|-------------|------------------|------------|---------------|------------|------------------------|--------------------------|--------------|-------------|-------------|-------------|-------------|
| kg | lb | mm | in | mm | in | CLOSED BIT | | EXTENDED BIT | | | | |
| 89 | 196 | 141.5 | 5.57 | 1098 | 43.2 | mm | in | mm | in | | | |
| | | | | | | 1201 | 47.2 | 1241 | 48.8 | | | |
| PRESSURE | psig | 150 | 200 | 250 | 300 | 350 | barg | 10.3 | 13.8 | 17.2 | 20.7 | 24.1 |
| VOLUME | SCFM | 340 | 558 | 772 | 886 | 1050 | m³/min | 9.7 | 15.8 | 20.5 | 25.2 | 29.8 |

Check. 09/2018

PUMA M6.2 SD 6

HAMMER TYPE / S (Standard) CODE / 0006060-000017



SPARE PARTS

| ITEM / DESCRIPTION | kg | lb | CODE |
|---|------|------|----------------|
| 1 Backhead 3 1/2" Reg M ⁽¹⁾ | 17.7 | 38.9 | 0106060-010008 |
| 2 O'ring | 0 | 0 | C180010-002349 |
| 3 Check Valve Dart | 0.4 | 0.9 | 0101050-030000 |
| 4 Spring | 0 | 0.1 | 0101060-040000 |
| 5 Compression Disk (Qty:3) | 0.3 | 0.6 | 0106060-060003 |
| 6 Make up Ring Shim ⁽²⁾ | 0 | 0.1 | 0101060-180000 |
| 7 Air Guide | 4.3 | 9.5 | 0106060-080009 |
| 8 Choke ⁽³⁾ | 0 | 0 | 0101050-070000 |
| 9 O'ring | 0 | 0 | C180010-002238 |
| 10 Cylinder | 4.4 | 9.7 | 0106060-100006 |
| 11 Piston SD 6 | 22.7 | 50.1 | 0106060-120008 |
| 12 Wear Sleeve | 32.4 | 71.4 | 0106060-110005 |
| 13 Flat Stop Ring | 0.1 | 0.2 | 0101060-130001 |
| 14 Bit Retainer SD 6 | 1.2 | 2.6 | 0106060-150005 |
| 15 O'ring | 0 | 0 | C180010-002156 |
| 16 Chuck SD 6 | 10.9 | 24 | 0106060-170024 |
| 17 Bit SD 6 | - | - | - |

(1) Other thread types can be delivered at request
 (2) Not installed in new hammers
 (3) Different Choke sizes are available

GENERAL DESCRIPTION

| NET WEIGHT | | OUTSIDE DIAMETER | | HAMMER LENGTH | | HAMMER LENGTH WITH BIT | | | |
|------------|-----|------------------|-----|---------------|----|------------------------|------|--------------|------|
| kg | lb | mm | in | mm | in | CLOSED BIT | | EXTENDED BIT | |
| 94 | 207 | 141.5 | 5.6 | 1168 | 46 | mm | in | mm | in |
| | | | | | | 1275 | 50.2 | 1315 | 51.8 |

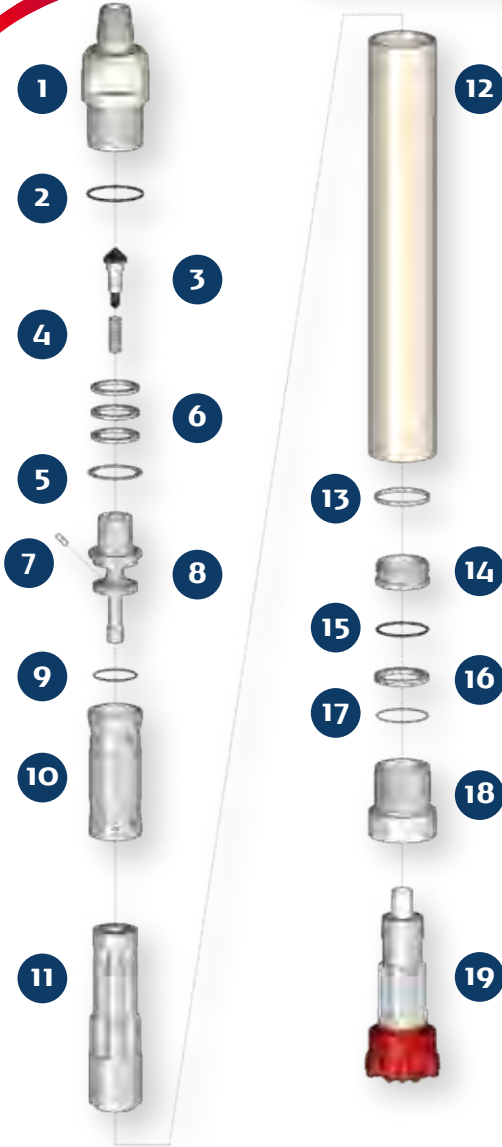
| AIR CONSUMPTION | | | | | | | | | | | | |
|-----------------|------|-----|-----|-----|-----|-----|---------------------|------|------|------|------|------|
| PRESSURE | psiq | 150 | 200 | 250 | 300 | 350 | barg | 10.3 | 13.8 | 17.2 | 20.7 | 24.1 |
| VOLUME | SCFM | 378 | 529 | 680 | 831 | 982 | m ³ /min | 10.7 | 15 | 19.3 | 23.6 | 27.9 |

Check 10/2022

PHONE: (56-2) 2431-2200 / www.drillco.com

PUMA M6.2 EX QL 6

HAMMER TYPE / HD (Heavy Duty) CODE / 0006060-010012



SPARE PARTS

| ITEM / DESCRIPTION | kg / | lb | CODE |
|--|-------|-------|----------------|
| 1 HD-3E Backhead 3 1/2" Reg. Pin ⁽¹⁾ | 22.65 | 49.9 | 0106060-010070 |
| 2 O'Ring 2-349 | 0.01 | 0.02 | C180010-002349 |
| 3 Check Valve Dart | 0.60 | 1.32 | 0101050-030000 |
| 4 Check Valve Spring | 0.06 | 0.12 | 0101060-040000 |
| 5 Make Up Ring Shim ⁽²⁾ | 0.06 | 0.12 | 0101060-180000 |
| 6 Compression Disk (Qty:3) | 0.70 | 1.56 | 0106060-060003 |
| 7 Choke ⁽³⁾ | 0.01 | 0.02 | 0101050-070000 |
| 8 Air Guide | 4.36 | 9.59 | 0106060-080002 |
| 9 O'Ring 2-238 | 0.01 | 0.02 | C180010-002238 |
| 10 Cylinder | 4.38 | 9.36 | 0106060-100003 |
| 11 Piston QL 6 | 22.28 | 49.01 | 0106060-120009 |
| 12 HD-3E Wear Sleeve | 41.80 | 92.00 | 0106060-110025 |
| 13 Piston Retainer Ring | 0.11 | 0.24 | 0101060-130001 |
| 14 Bit Guide QL 6 | 1.26 | 2.77 | 0106060-140007 |
| 15 O'Ring 2-346 | 0.01 | 0.01 | C180013-002346 |
| 16 Bit Retainer QL 6 | 0.44 | 0.96 | 0106060-150004 |
| 17 O'Ring 2-156 | 0.01 | 0.01 | C180010-002156 |
| 18 HD-3E Chuck Bit QL 6 | 6.20 | 3.60 | 0106060-170054 |
| 19 Bit QL 6 | - | - | - |

(1) Other thread types can be delivered upon request.

(2) Not installed in new hammers.

(3) Different Choke size are available.

HD: Heavy Duty.

3E=3 entries Thread.

GENERAL DESCRIPTION

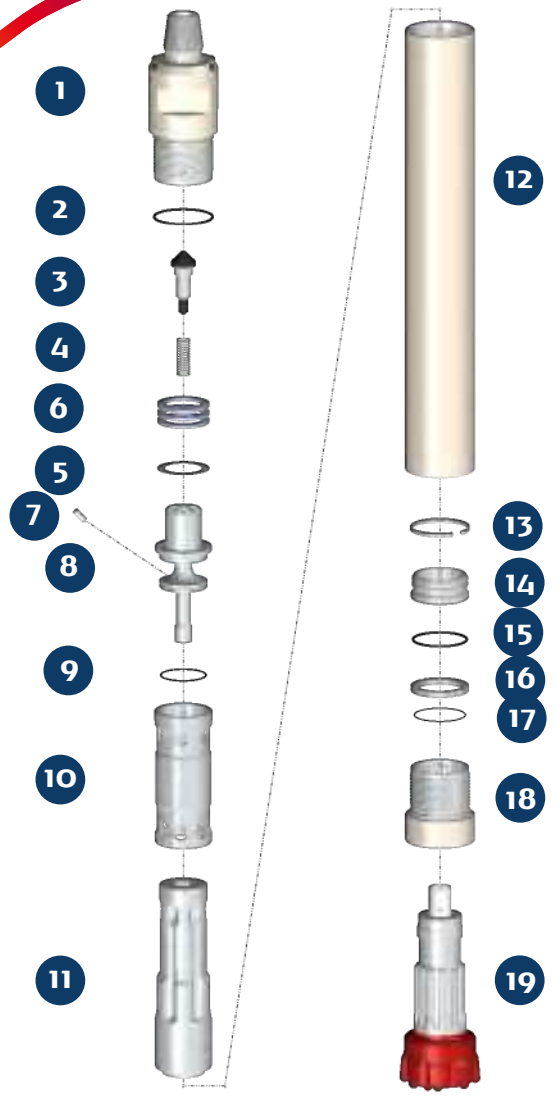
| NET WEIGHT | | OUTSIDE DIAMETER | | HAMMER LENGTH | | HAMMER LENGTH WITH BIT | | | | | | | |
|------------|------|------------------|------|---------------|------|------------------------|------|---------------------|------|-----|------|------|------|
| kg | lb | mm | in | mm | in | CLOSED BIT | | EXTENDED BIT | | | | | |
| 101 | 222 | 146.5 | 5.76 | 1098 | 43.2 | mm | in | mm | in | | | | |
| | | | | | | 1201 | 47.2 | 1241 | 48.8 | | | | |
| PRESSURE | psig | 100 | 150 | 200 | 250 | 300 | 350 | barg | 5 | 10 | 15 | 20 | 25 |
| VOLUME | SCFM | 196 | 336 | 475 | 615 | 755 | 895 | m ³ /min | 3.3 | 9.1 | 14.8 | 20.5 | 26.2 |

Check. 02/2024

PHONE: (56-2) 24312200/ www.drillco.com

PUMA M6.2 EX QL 6

HAMMER TYPE / SR (Standar with Retractable Backhead) CODE / 0006060-030013



SPARE PARTS

| ITEM / DESCRIPTION | kg / | lb | CODE |
|--|-------|-------|----------------|
| 1 Backhead Retr. 3 1/2" Reg. Pin ⁽¹⁾ | 22 | 48.5 | 0106060-010095 |
| 2 Backhead O'Ring | 0.01 | 0.02 | C180010-002349 |
| 3 Check Valve Dart | 0.60 | 1.32 | 0101050-030000 |
| 4 Check Valve Spring | 0.06 | 0.12 | 0101060-040000 |
| 5 Make Up Ring Shim ⁽²⁾ | 0.06 | 0.12 | 0101060-180000 |
| 6 Compression Disk (Qty:3) | 0.70 | 1.56 | 0106060-060003 |
| 7 Choke ⁽³⁾ | 0.01 | 0.02 | 0101050-070000 |
| 8 Air Guide | 4.36 | 9.59 | 0106060-080009 |
| 9 Air Guide O'Ring | 0.01 | 0.02 | C180010-002238 |
| 10 Cylinder | 4.38 | 9.36 | 0106060-100006 |
| 11 Piston QL 6 | 22.28 | 49.01 | 0106060-120009 |
| 12 Wear Sleeve 3E | 40 | 88.18 | 0106060-110032 |
| 13 Piston Retainer Ring | 0.11 | 0.24 | 0101060-130001 |
| 14 Bit Guide QL 6 | 1.42 | 3.13 | 0106060-140007 |
| 15 Bit Guide O'Ring | 0.01 | 0.01 | C180013-002346 |
| 16 Bit Retainer QL 6 | 0.44 | 0.96 | 0106060-150004 |
| 17 Bit Retainer O'Ring | 0.01 | 0.01 | C180010-002155 |
| 18 Chuck 3E Bit QL 6 | 5.6 | 12.35 | 0106060-170068 |
| 19 Bit QL 6 | - | - | - |

(1) Other thread types can be delivered upon request.
 (2) Not installed in new hammers.
 (3) Open plugs are available.
 3E=3 entries Thread.

GENERAL DESCRIPTION

| NET WEIGHT | | OUTSIDE DIAMETER | | HAMMER LENGTH | | HAMMER LENGTH WITH BIT | | | |
|------------|-----|------------------|------|---------------|------|------------------------|------|--------------|------|
| kg | lb | mm | in | mm | in | CLOSED BIT | | EXTENDED BIT | |
| 104 | 229 | 141.5 | 5.57 | 1098 | 43.2 | 1201 | 47.2 | 1241 | 48.8 |

| PRESSURE | psig | 100 | 150 | 200 | 250 | 300 | 350 | barg | 5 | 10 | 15 | 20 | 25 |
|----------|------|-----|-----|-----|-----|-----|-----|---------------------|-----|-----|------|------|------|
| VOLUME | SCFM | 196 | 336 | 475 | 615 | 755 | 895 | m ³ /min | 3.3 | 9.1 | 14.8 | 20.5 | 26.2 |

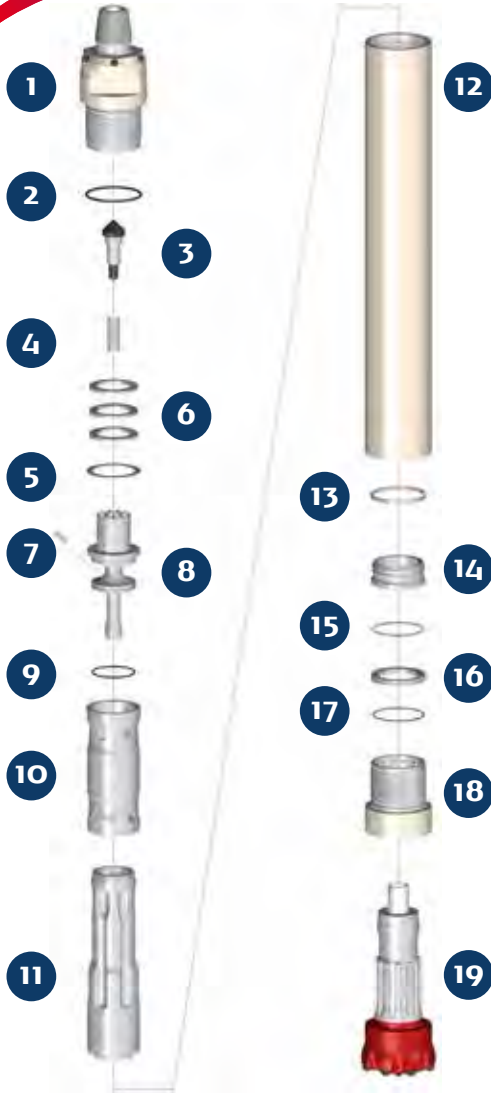
Check: 02/24

PHONE: (56-2) 2431-2200 / www.drillco.com



PUMA M6.2 EX QL 6

HAMMER TYPE / HDR (Heavy Duty with Retractable Backhead) CODE / 0006060-040008



SPARE PARTS

| ITEM / DESCRIPTION | kg / | lb | CODE |
|--|-------|-------|----------------|
| 1 HDR Backhead 3 1/2" Reg. Pin ⁽¹⁾ | 18.20 | 40.10 | 0106060-010069 |
| 2 Backhead O'Ring | 0.01 | 0.02 | C180010-002349 |
| 3 Check Valve Dart | 0.60 | 1.32 | 0101050-030000 |
| 4 Check Valve Spring | 0.06 | 0.12 | 0101060-040000 |
| 5 Make Up Ring Shim ⁽²⁾ | 0.06 | 0.12 | 0101060-180000 |
| 6 Compression Disk (Qty:3) | 0.70 | 1.56 | 0106060-060003 |
| 7 Choke ⁽³⁾ | 0.01 | 0.02 | 0101050-070000 |
| 8 Air Guide | 4.36 | 9.59 | 0106060-080002 |
| 9 Air Guide O'Ring | 0.01 | 0.02 | C180010-002238 |
| 10 Cylinder | 4.38 | 9.36 | 0106060-100003 |
| 11 Piston QL 6 | 22.28 | 49.01 | 0106060-120009 |
| 12 HD-3E Wear Sleeve | 41.80 | 92.00 | 0106060-110025 |
| 13 Piston Retainer Ring | 0.11 | 0.24 | 0101060-130001 |
| 14 Bit Guide QL 6 | 1.42 | 3.13 | 0106060-140006 |
| 15 Bit Guide O'Ring | 0.01 | 0.01 | C180013-002346 |
| 16 Bit Retainer QL 6 | 0.44 | 0.96 | 0106060-150004 |
| 17 Bit Retainer O'Ring | 0.01 | 0.01 | C180010-002156 |
| 18 HD-3E Chuck Bit QL 6 | 6.20 | 13.60 | 0106060-170054 |
| 19 Bit QL 6 | - | - | - |

(1) Other thread types can be delivered upon request.
 (2) Not installed in new hammers.
 (3) Open plugs are available.
 HD: Heavy Duty.
 3E=3 entries Thread.

GENERAL DESCRIPTION

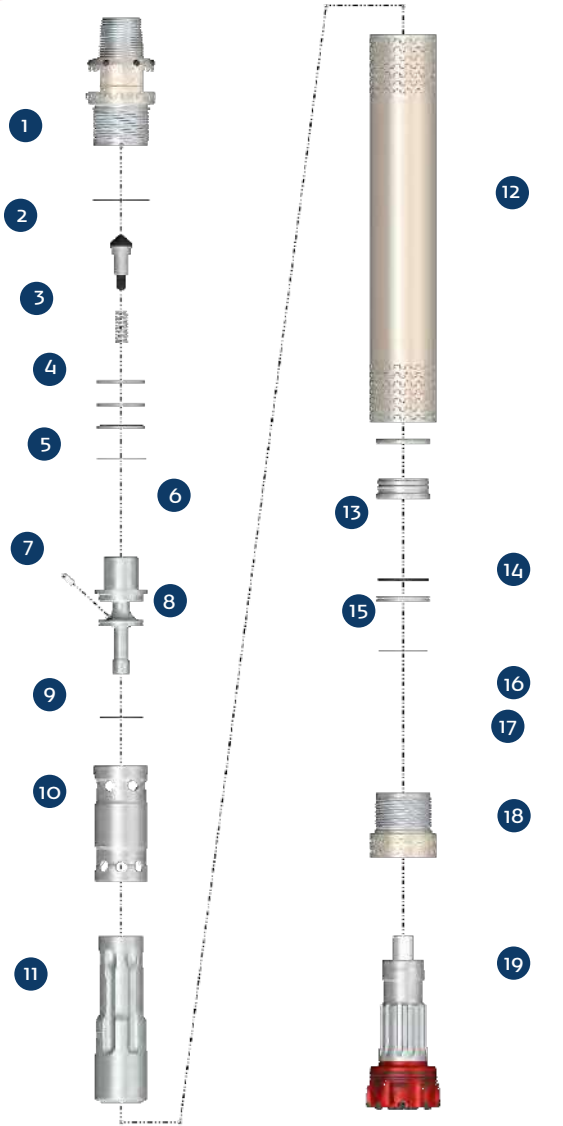
| NET WEIGHT | | OUTSIDE DIAMETER | | HAMMER LENGTH | | HAMMER LENGTH WITH BIT | | | | | | | |
|------------|------|------------------|------|---------------|------|------------------------|------|---------------------|------|-----|------|------|------|
| kg | lb | mm | in | mm | in | CLOSED BIT | | EXTENDED BIT | | | | | |
| 101 | 222 | 146.5 | 5.76 | 1098 | 43.2 | mm | in | mm | in | | | | |
| | | | | | | 1201 | 47.2 | 1241 | 48.8 | | | | |
| PRESSURE | psig | 100 | 150 | 200 | 250 | 300 | 350 | barg | 5 | 10 | 15 | 20 | 25 |
| VOLUME | SCFM | 196 | 336 | 475 | 615 | 755 | 895 | m ³ /min | 3.3 | 9.1 | 14.8 | 20.5 | 26.2 |

Check 02/2024

PHONE: (56-2) 2431-2200 / www.drillco.com

PUMA M6.2EX QL 6

HAMMER TYPE / HDWR (Heavy Duty Welding with Retractable Backhead) CODE / 0006060-050031



SPARE PARTS

| ITEM / DESCRIPTION | kg / | lb | CODE |
|--|------------------------|------|----------------|
| 1 HDW Retractable Backhead 3 1/2" IF M | ⁽¹⁾⁽⁵⁾ 18.7 | 41.1 | 0106060-010013 |
| 2 O'ring 2-349 | 0 | 0 | C180010-002349 |
| 3 Check Valve Dart | 0.6 | 1.3 | 0101050-030000 |
| 4 Spring | 0.1 | 0.1 | 0101060-040000 |
| 5 Compression Disk (Qty:3) | 0.7 | 1.5 | 0106060-060003 |
| 6 Make up Ring Shim ⁽²⁾ | 0.1 | 0.1 | 0101060-180000 |
| 7 Choke ⁽³⁾ | 0 | 0 | 0101050-070000 |
| 8 Air Guide | 4.4 | 9.7 | 0106060-080002 |
| 9 O'ring 2-238 | 0 | 0 | C180010-002238 |
| 10 Cylinder | 4.4 | 9.7 | 0106060-100003 |
| 11 Piston QL-6 | 22.2 | 49 | 0106060-120009 |
| 12 HDW Wear Sleeve 1E-3E ⁽⁴⁾⁽⁵⁾ | 41 | 90.4 | 0106060-110027 |
| 13 Piston Retainer Ring | 0.1 | 0.2 | 0101060-130001 |
| 14 Bit Guide | 1.4 | 3.2 | 0106060-140006 |
| 15 O'ring Viton 2-346 | 0 | 0 | C180013-002346 |
| 16 Bit Retainer | 0.4 | 0.9 | 0106060-150004 |
| 17 O'ring 2-155 | 0 | 0 | C180010-002155 |
| 18 HDW Chuck QL-6 3E ⁽⁵⁾ | 7 | 15.4 | 06060-170051 |
| 19 Bit QL6 | - | - | - |

(1) Other thread types can be delivered upon request
 (2) Not installed in new hammers
 (3) Different Choke sizes are available
 (4) Reversible Wear Sleeve, with marks if the client requires it
 (5) 2E= Threads entries

GENERAL DESCRIPTION

| NET WEIGHT | | OUTSIDE DIAMETER | | HAMMER LENGTH | | HAMMER LENGTH WITH BIT | | | |
|------------|-----|------------------|-----|---------------|------|------------------------|------|--------------|------|
| | | | | | | CLOSED BIT | | EXTENDED BIT | |
| kg | lb | mm | in | mm | in | mm | in | mm | in |
| 101 | 223 | 149.5 | 5.9 | 1098 | 43.2 | 1201 | 47.3 | 1241 | 48.9 |

| AIR CONSUMPTION | | | | | | | | | | | | |
|-----------------|------|-----|-----|-----|-----|-----|--------|------|------|------|------|------|
| PRESSURE | psig | 150 | 200 | 250 | 300 | 350 | barg | 10.3 | 13.8 | 17.2 | 20.7 | 24.1 |
| VOLUME | SCFM | 299 | 448 | 597 | 746 | 895 | m3/min | 8.5 | 12.7 | 17 | 21.2 | 25.4 |

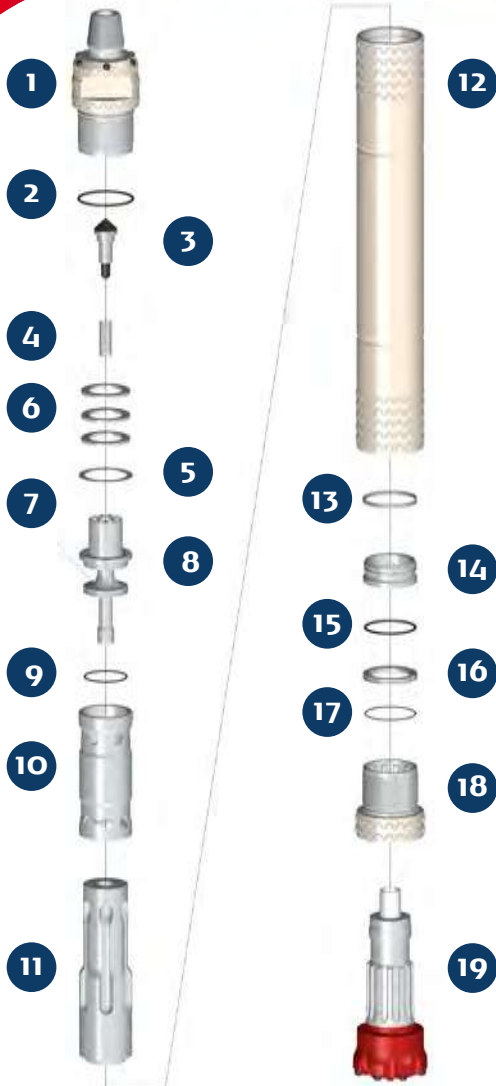
Check 02/2024

PHONE: (56-2) 2431-2200 / www.drillco.com



PUMA M6.2 EX QL 6

HAMMER TYPE / HDWR (Heavy Duty Welding with Retractable Backhead) CODE / 0006060-090013



SPARE PARTS

| ITEM / DESCRIPTION | kg / | lb | CODE |
|--|-------|-------|----------------|
| 1 HDWR-3E Backhead 3 1/2" Reg. P/Th | 23.00 | 50.6 | 0106060-010063 |
| 2 Backhead O'Ring | 0.01 | 0.02 | C180010-002349 |
| 3 Check Valve Dart | 0.60 | 1.30 | 0101050-030000 |
| 4 Check Valve Spring | 0.10 | 0.12 | 0101060-040000 |
| 5 Make Up Ring Shim | 0.10 | 0.12 | 0101060-180000 |
| 6 Compression Disk (Qty:3) | 0.70 | 1.56 | 0106060-060003 |
| 7 Choke ⁽³⁾ | 0.01 | 0.02 | 0101050-070000 |
| 8 Air Guide | 4.40 | 9.60 | 0106060-080002 |
| 9 Air Guide O'Ring | 0.01 | 0.02 | C180010-002238 |
| 10 Cylinder | 4.40 | 9.40 | 0106060-100003 |
| 11 Piston QL 6 | 22.30 | 49.00 | 0106060-120027 |
| 12 HDW-3E Wear Sleeve | 42.00 | 92.40 | 0106060-110023 |
| 13 Piston Retainer Ring | 0.10 | 0.24 | 0101060-130001 |
| 14 Bit Guide QL 6 | 1.42 | 3.13 | 0106060-140006 |
| 15 Bit Guide O'Ring | 0.01 | 0.01 | C180013-002346 |
| 16 Bit Retainer QL 6 | 0.44 | 1.00 | 0106060-150004 |
| 17 Bit Retainer O'Ring | 0.01 | 0.01 | C180010-002156 |
| 18 HDW-3E Chuck QL 6 | 7.00 | 15.40 | 0106060-170051 |
| 19 Bit QL 6 | - | - | - |

(1) Other thread types can be delivered upon request.
 (2) Not installed in new hammers.
 (3) Different Choke size are available
 (4) Reference jaw position L8 drill rig
 3E = 3 Entries thread.
 HDW: Heavy Duty Welding.

GENERAL DESCRIPTION

| NET WEIGHT | | OUTSIDE DIAMETER | | HAMMER LENGTH | | HAMMER LENGTH WITH BIT | | | |
|------------|-----|------------------|------|---------------|------|------------------------|------|--------------|------|
| kg | lb | mm | in | mm | in | CLOSED BIT | | EXTENDED BIT | |
| 108 | 237 | 149.5 | 5.88 | 1136 | 44.7 | mm | in | mm | in |
| | | | | | | 1239 | 48.7 | 1280 | 50.4 |

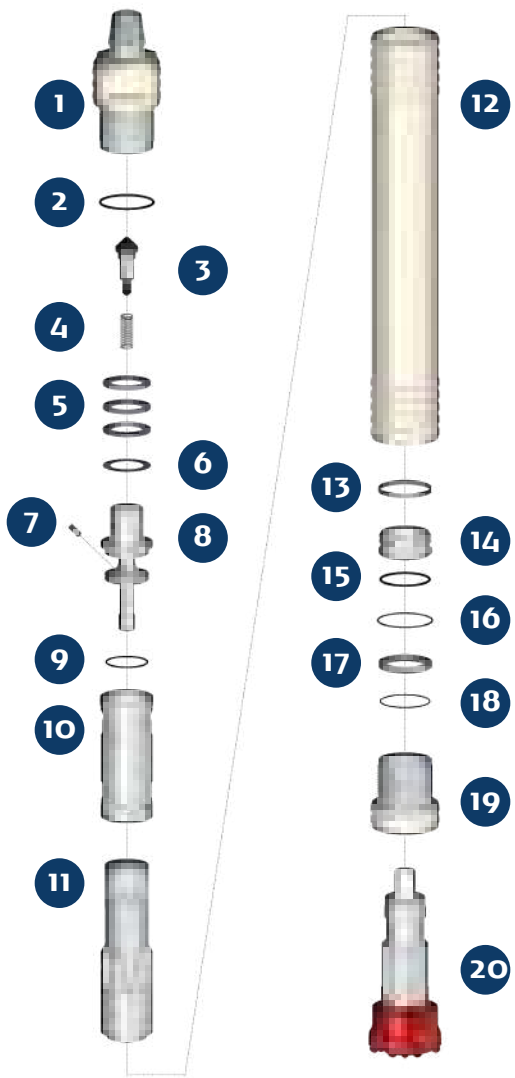
| AIR CONSUMPTION | | | | | | | | | | | | |
|-----------------|------|-----|-----|-----|-----|-----|---------------------|------|------|------|------|------|
| PRESSURE | psig | 150 | 200 | 250 | 300 | 350 | barq | 10.3 | 13.8 | 17.2 | 20.7 | 24.1 |
| VOLUME | SCFM | 299 | 448 | 597 | 746 | 895 | m ³ /min | 8.5 | 12.7 | 16.9 | 21.1 | 25.3 |

Check: 02/2024

PHONE: (56-2) 2431-2200 / www.drillco.com

PUMA M6.2EX QL 6

HAMMER TYPE / EHDWR (Extra Heavy Duty Welding with Retractable Backhead) CODE / 0006060-090019



SPARE PARTS

| ITEM / DESCRIPTION | kg / | lb | CODE |
|---|------|------|----------------|
| 1 EHDW Retractable Backhead 3 1/2" Reg Pin 2E ⁽¹⁾⁽⁵⁾ | 19.0 | 41.8 | 0106060-010077 |
| 2 O'ring 2-349 | 0 | 0 | C180010-002349 |
| 3 Check Valve Dart | 0.6 | 1.3 | 0101050-030000 |
| 4 Spring | 0.1 | 0.1 | 0101060-040000 |
| 5 Compression Disk (Qty:3) | 0.7 | 1.5 | 0106060-060003 |
| 6 Make up Ring Shim ⁽²⁾ | 0.1 | 0.1 | 0101060-180000 |
| 7 Choke ⁽³⁾ | 0 | 0 | 0101050-070000 |
| 8 Air Guide | 4.4 | 9.7 | 0106060-080002 |
| 9 O'ring 2-238 | 0 | 0 | C180010-002238 |
| 10 Cylinder | 4.4 | 9.7 | 0106060-100003 |
| 11 Piston QL-6 | 22.2 | 49 | 0106060-120009 |
| 12 EHDW Wear Sleeve 2E ⁽⁴⁾⁽⁵⁾ | 44 | 96.8 | 0106060-110037 |
| 13 Piston Retainer Ring | 0.1 | 0.2 | 0101060-130001 |
| 14 Bit Guide | 1.4 | 3.2 | 0106060-140015 |
| 15 O'ring Viton 2-346 | 0 | 0 | C180013-002346 |
| 16 O'ring Viton Din 3771 116X3.55 | 0 | 0 | C180012-003771 |
| 17 Bit Retainer | 0.4 | 0.9 | 0106060-150004 |
| 18 O'ring 2-155 | 0 | 0 | C180010-002155 |
| 19 EHDW Chuck QL-6 2E ⁽⁵⁾ | 7 | 15.4 | 0106060-170058 |
| 20 Bit QL6 | - | - | - |

(1) Other thread types can be delivered upon request
 (2) Not installed in new hammers
 (3) Different Choke sizes are available
 (4) Reversible Wear Sleeve
 (5) 2E= Threads entries

GENERAL DESCRIPTION

| NET WEIGHT | | OUTSIDE DIAMETER | | HAMMER LENGTH | | HAMMER LENGTH WITH BIT | | | |
|------------|-----|------------------|------|---------------|------|------------------------|------|--------------|------|
| | | | | | | CLOSED BIT | | EXTENDED BIT | |
| kg | lb | mm | in | mm | in | mm | in | mm | in |
| 105 | 230 | 151 | 5.94 | 1098 | 43.2 | 1201 | 47.3 | 1241 | 48.9 |

| AIR CONSUMPTION | | | | | | | | | | | | |
|-----------------|------|-----|-----|-----|-----|-----|--------|------|------|------|------|------|
| PRESSURE | psig | 150 | 200 | 250 | 300 | 350 | barg | 10.3 | 13.8 | 17.2 | 20.7 | 24.1 |
| VOLUME | SCFM | 299 | 448 | 597 | 746 | 895 | m3/min | 8.5 | 12.7 | 17 | 21.2 | 25.4 |

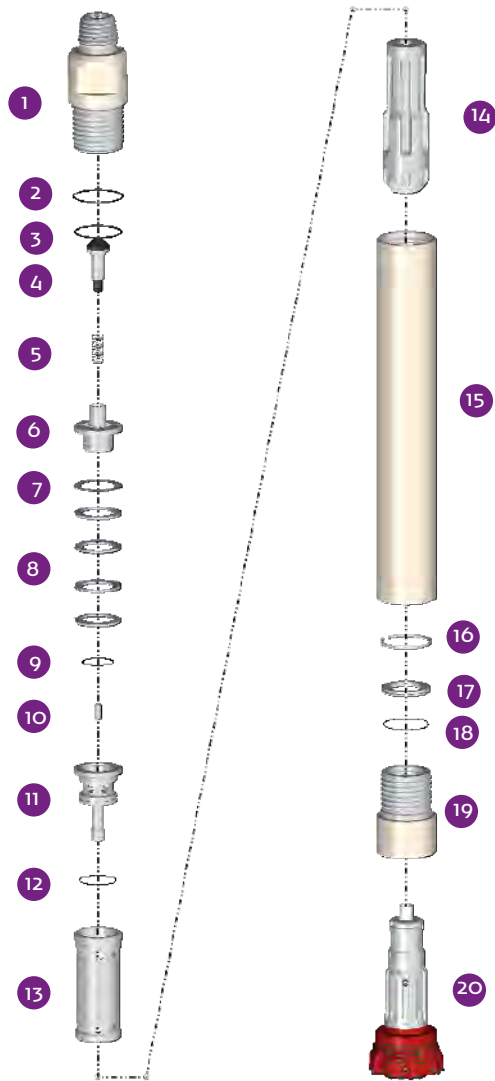
Check 02/2024

PHONE: (56-2) 2431-2200 / www.drillco.com



PUMA 7.1 P7.1

HAMMER TYPE / S (Standard) CODE / 0001070-000000



SPARE PARTS

| ITEM / DESCRIPTION | kg / | lb | CODE |
|--|------|-------|----------------|
| 1 Backhead 4 1/2" Beco Pin ⁽¹⁾ | 38 | 83.8 | 0101070-010002 |
| 2 O'ring 2-356 | 0 | 0 | C180010-002356 |
| 3 O'ring 2-354 | 0 | 0 | C180010-002354 |
| 4 Check Valve Dart | 0.9 | 2.1 | 0101080-030000 |
| 5 Spring | 0 | 0.1 | 0101080-040000 |
| 6 Air Distributor | 3.5 | 7.6 | 0101070-050000 |
| 7 Make up Ring Shim ⁽²⁾ | 0.1 | 0.1 | 0101070-170000 |
| 8 Compression Disk (Qty:4) | 0.4 | 1 | 0101070-060000 |
| 9 O'ring 2-236 | 0 | 0 | C180010-002236 |
| 10 Choke ⁽³⁾ | 0 | 0 | 0101080-070000 |
| 11 Air Guide | 4.8 | 10.6 | 0101070-080000 |
| 12 O'ring 2-242 | 0 | 0 | C180010-002242 |
| 13 Cylinder | 6.4 | 14 | 0101070-100000 |
| 14 Piston P7.1 | 31.4 | 69.3 | 0101070-120000 |
| 15 Wear Sleeve | 57.3 | 126.3 | 0101070-110000 |
| 16 Piston Retainer Ring | 0.2 | 0.4 | 0101070-130000 |
| 17 Bit Retainer | 1 | 2.2 | 0101070-140000 |
| 18 O'ring 2-249 | 0 | 0 | C180010-002249 |
| 19 Chuck | 16.7 | 36.7 | 0101070-160007 |
| 20 Bit- P7.1 | - | - | - |

(1) Other thread types can be delivered at request

(2) Not installed in new hammers

(3) Different Choke sizes are available

GENERAL DESCRIPTION

| NET WEIGHT | | OUTSIDE DIAMETER | | HAMMER LENGTH | | HAMMER LENGTH WITH BIT | | | |
|------------|-----|------------------|-----|---------------|------|------------------------|------|--------------|------|
| kg | lb | mm | in | mm | in | CLOSED BIT | | EXTENDED BIT | |
| 160 | 353 | 168 | 6.6 | 1370 | 53.9 | 1500 | 59.1 | 1545 | 60.8 |

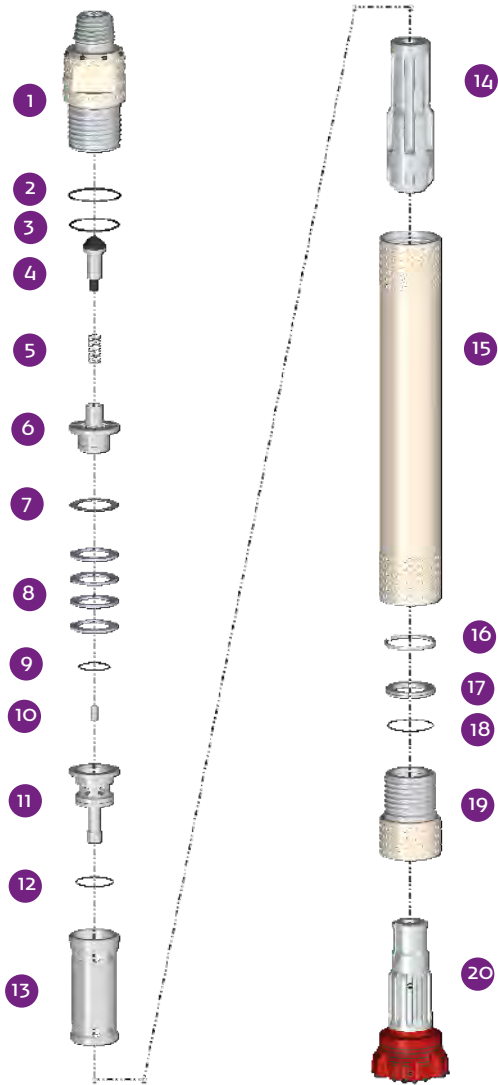
| AIR CONSUMPTION | | | | | | | | | | | | |
|-----------------|------|-----|-----|-----|------|------|---------------------|------|------|------|------|------|
| PRESSURE | psig | 150 | 200 | 250 | 300 | 350 | barg | 10.3 | 13.8 | 17.2 | 20.7 | 24.1 |
| VOLUME | SCFM | 482 | 684 | 886 | 1088 | 1290 | m ³ /min | 13.7 | 19.4 | 25.2 | 30.9 | 36.6 |

Check 02/2021

PHONE: (56-2) 2431-2211; (56-2) 2431-2200 / www.drillco.com

PUMA 7.1 P7.1

HAMMER TYPE / HDW (Heavy Duty Welding) CODE / 0001070-050002



SPARE PARTS

| ITEM / DESCRIPTION | kg | lb | CODE |
|--|------|-------|----------------|
| 1 HDW Retractable Backhead 4 1/2" Reg Pin ⁽¹⁾ | 38 | 83.7 | 0101070-010001 |
| 2 O'ring 2-356 | 0 | 0 | C180010-002356 |
| 3 O'ring 2-354 | 0 | 0 | C180010-002354 |
| 4 Check Valve Dart | 0.9 | 2.1 | 0101080-030000 |
| 5 Spring | 0 | 0.1 | 0101080-040000 |
| 6 Air Distributor | 3.5 | 7.6 | 0101070-050000 |
| 7 Make up Ring Shim ⁽²⁾ | 0.1 | 0.1 | 0101070-170000 |
| 8 Compression Disk (Qty:4) | 0.4 | 1 | 0101070-060000 |
| 9 O'ring 2-236 | 0 | 0 | C180010-002236 |
| 10 Choke ⁽³⁾ | 0 | 0 | 0101080-070000 |
| 11 Air Guide | 4.8 | 10.6 | 0101070-080000 |
| 12 O'ring 2-242 | 0 | 0 | C180010-002242 |
| 13 Cylinder | 6.4 | 14 | 0101070-100000 |
| 14 Piston | 31.4 | 69.3 | 0101070-120000 |
| 15 HDW Wear Sleeve ⁽⁴⁾ | 70 | 154.3 | 0101070-110002 |
| 16 Piston Retainer Ring | 0.2 | 0.4 | 0101070-130000 |
| 17 Bit Retainer | 1 | 2.2 | 0101070-140000 |
| 18 O'ring 2-249 | 0 | 0 | C180010-002249 |
| 19 HDW Chuck | 18.3 | 40.3 | 0101070-160008 |
| 20 Bit- P7.1 | - | - | - |

(1) Other thread types can be delivered at request
 (2) Not installed in new hammers
 (3) Different Choke sizes are available
 (4) Reversible Wear Sleeve

GENERAL DESCRIPTION

| NET WEIGHT | | OUTSIDE DIAMETER | | HAMMER LENGTH | | HAMMER LENGTH WITH BIT | | | |
|------------|-----|------------------|-----|---------------|------|------------------------|------|--------------|------|
| kg | lb | mm | in | mm | in | CLOSED BIT | | EXTENDED BIT | |
| 175 | 386 | 176 | 6.9 | 1370 | 53.9 | 1500 | 59.1 | 1545 | 60.8 |

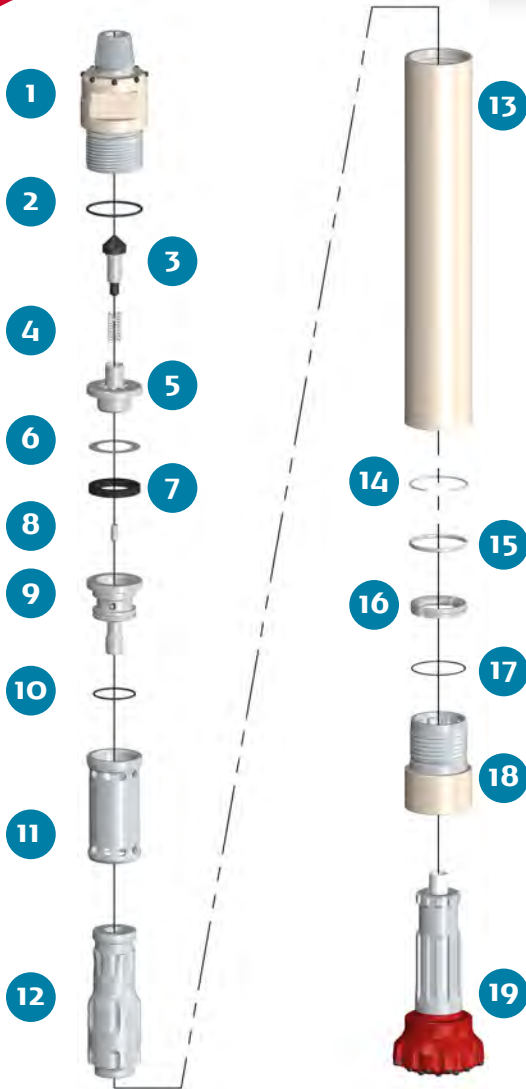
| AIR CONSUMPTION | | | | | | | | | | | | |
|-----------------|------|-----|-----|-----|------|------|---------------------|------|------|------|------|------|
| PRESSURE | psiq | 150 | 200 | 250 | 300 | 350 | barg | 10.3 | 13.8 | 17.2 | 20.7 | 24.1 |
| VOLUME | SCFM | 480 | 685 | 890 | 1040 | 1290 | m ³ /min | 13.6 | 19.5 | 25.3 | 29.5 | 36.6 |

Check 02/2021

PHONE: (56-2) 2431-2211; (56-2) 2431-2200 / www.drillco.com

PUMA 8.1 WA DHD 380

HAMMER TYPE / HDR (Heavy Duty with retractile Backhead) CODE / 0001080-040004



SPARE PARTS

| ITEM / DESCRIPTION | kg / | lb | CODE |
|---|------|-------|----------------|
| 1 HDR Backhead 4 1/2" Reg. Pin ⁽¹⁾⁽²⁾ | 41.8 | 91.9 | 0101080-010022 |
| 2 O'ring | 0.0 | 0.0 | C180010-002434 |
| 3 Check Valve Dart | 0.9 | 2.1 | 0101080-030000 |
| 4 Spring | 0.1 | 0.1 | 0101080-040000 |
| 5 Air Distribuidor | 4.3 | 9.5 | 0101080-050000 |
| 6 Make Up Ring Shim ⁽³⁾ | 0.1 | 0.1 | 0101080-180000 |
| 7 Make up Ring | 0.2 | 0.4 | 0101080-060000 |
| 8 Choke ⁽⁴⁾ | 0.0 | 0.0 | 0101080-070000 |
| 9 Air Guide | 6.7 | 14.7 | 0101080-080003 |
| 10 O'ring | 0.0 | 0.0 | C180010-002347 |
| 11 WA Cylinder | 8.1 | 17.8 | 0101080-100001 |
| 12 WA Piston DHD 380 | 35.0 | 77.0 | 0101080-120008 |
| 13 HD Wear Sleeve | 73.0 | 160.6 | 0101080-110002 |
| 14 Piston Retainer Ring | 0.1 | 0.1 | 0101080-190000 |
| 15 Flat Stop Ring | 0.2 | 0.4 | 0101080-130000 |
| 16 Bit Retainer DHD 380 | 1.4 | 3.1 | 0101080-150002 |
| 17 O'ring | 0.0 | 0.0 | C180010-002255 |
| 18 HD Chuck DHD 380 | 20.2 | 44.4 | 0101080-170020 |
| 19 Bit DHD 380 | - | - | - |

(1) Other thread types can be delivered at request.

(2) With retractile insert (ø186 mm-7.3"between inserts).

(3) Not installed in new hammers.

(4) Different Choke sizes are available

WA: Adapted to work under water

HD: Heavy Duty; HDR: HD with retractile Backhead.

GENERAL DESCRIPTION

| NET WEIGHT | | OUTSIDE DIAMETER | | HAMMER LENGTH | | HAMMER LENGTH WITH BIT | | | |
|------------|-----|--------------------|---------------------|---------------|------|------------------------|------|--------------|------|
| kg | lb | mm | in | mm | in | CLOSED BIT | | EXTENDED BIT | |
| 192 | 423 | 185 ⁽²⁾ | 7.28 ⁽²⁾ | 1302 | 51.3 | mm | in | mm | in |
| | | | | | | 1431 | 56.3 | 1482 | 58.3 |

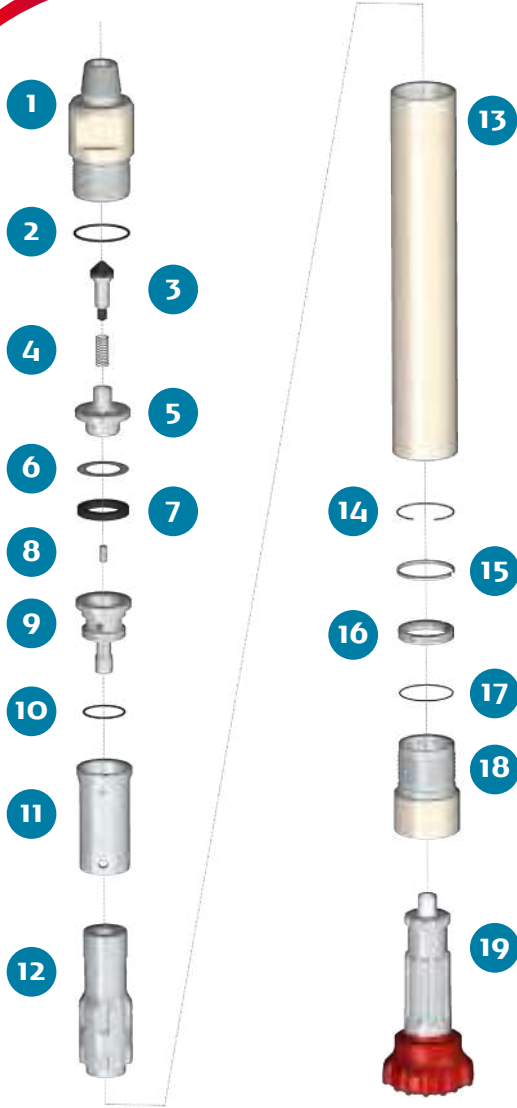
| AIR CONSUMPTION | | | | | | | | | | | | |
|-----------------|------|-----|-----|-----|------|------|---------------------|-------|-------|-------|-------|-------|
| PRESSURE | psig | 150 | 200 | 250 | 300 | 350 | barg | 10.3 | 13.8 | 17.2 | 20.7 | 24.1 |
| VOLUME | SCFM | 557 | 772 | 998 | 1229 | 1460 | m ³ /min | 15.75 | 21.84 | 28.25 | 34.75 | 41.26 |

Check. 06/2024

PHONE:(56-2) 2431-2200 / www.drillco.com

PUMA 8.1 DHD 380

HAMMER TYPE / S (Standard) CODE / 0001080-000015



SPARE PARTS

| ITEM / DESCRIPTION | kg | lb | CODE |
|--|------|-------|----------------|
| 1 Backhead 4 1/2" Reg. Pin ⁽¹⁾ | 40.8 | 89.8 | 0101080-010000 |
| 2 O'Ring | 0.0 | 0.0 | C180010-002434 |
| 3 Check Valve Dart | 0.9 | 2.1 | 0101080-030000 |
| 4 Spring | 0.1 | 0.1 | 0101080-040000 |
| 5 Air Distributor | 4.3 | 9.5 | 0101080-050000 |
| 6 Make Up Ring Shim ⁽²⁾ | 0.1 | 0.1 | 0101080-180000 |
| 7 Make up Ring | 0.2 | 0.4 | 0101080-060000 |
| 8 Choke ⁽³⁾ | 0.0 | 0.0 | 0101080-070000 |
| 9 Air Guide | 6.7 | 14.7 | 0101080-080000 |
| 10 O'Ring | 0.0 | 0.0 | C180010-002347 |
| 11 Cylinder | 9.5 | 20.9 | 0101080-100000 |
| 12 Piston DHD 380 | 35.3 | 77.7 | 0101080-120004 |
| 13 Wear Sleeve | 61.0 | 133.8 | 0101080-110000 |
| 14 Piston Retainer Ring | 0.1 | 0.1 | 0101080-190000 |
| 15 Flat Stop Ring | 0.2 | 0.4 | 0101080-130000 |
| 16 Bit Retainer DHD 380 | 1.4 | 3.1 | 0101080-150002 |
| 17 O'Ring | 0.0 | 0.0 | C180010-002255 |
| 18 Chuck DHD 380 | 18.8 | 41.3 | 0101080-170009 |
| 19 Bit DHD 380 | - | - | - |

(1) Other thread types can be delivered at request.

(2) Not installed in new hammers.

(3) Different choke size are available.

GENERAL DESCRIPTION

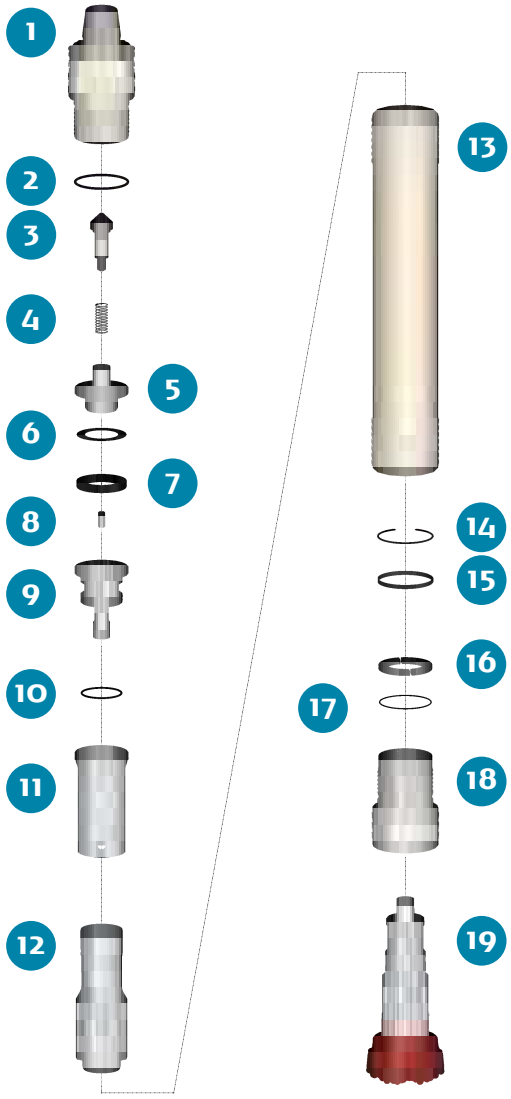
| NET WEIGHT | | OUTSIDE DIAMETER | | HAMMER LENGTH | | HAMMER LENGTH WITH BIT | | | |
|------------|-----|------------------|------|---------------|------|------------------------|------|--------------|------|
| kg | lb | mm | in | mm | in | CLOSED BIT | | EXTENDED BIT | |
| 179 | 395 | 180 | 7.08 | 1305 | 51.4 | mm | in | mm | in |
| | | | | | | 1434 | 56.5 | 1485 | 58.5 |

AIR CONSUMPTION

| PRESSURE | psig | 150 | 200 | 250 | 300 | 350 | barg | 10.3 | 13.8 | 17.2 | 20.7 | 24.1 |
|----------|------|-----|-----|-----|------|------|---------------------|------|------|------|------|------|
| VOLUME | SCFM | 530 | 735 | 950 | 1170 | 1390 | m ³ /min | 15.0 | 20.8 | 26.9 | 33.1 | 39.3 |

PUMA 8.1 P8.1 16 SP

HAMMER TYPE / EHDWR (Extra Heavy Duty Welding with Retractable Backhead) CODE / 0001080-050038



SPARE PARTS

| ITEM / DESCRIPTION | kg / | lb | CODE |
|--|------|-------|----------------|
| 1 EHDW Retractable Backhead 4 1/2" Req. Pin ⁽¹⁾ | 42.0 | 92.4 | 0101080-010024 |
| 2 O'ring | 0 | 0 | C180010-002434 |
| 3 Check Valve Dart | 0.9 | 2.1 | 0101080-030000 |
| 4 Spring | 0 | 0.1 | 0101080-040000 |
| 5 Air Distributor | 4.3 | 9.5 | 0101080-050000 |
| 6 Make up Ring Shim ⁽²⁾ | 0.1 | 0.2 | 0101080-180000 |
| 7 Make up Ring | 0.2 | 0.4 | 0101080-060000 |
| 8 Choke ⁽³⁾ | 0 | 0 | 0101080-070000 |
| 9 Air Guide | 6.7 | 14.7 | 0101080-080000 |
| 10 O'ring | 0 | 0 | C180010-002347 |
| 11 Cylinder | 9.5 | 20.9 | 0101080-100000 |
| 12 Piston | 35.4 | 77.9 | 0101080-120000 |
| 13 EHDW Wear Sleeve ⁽⁴⁾ | 75 | 165.3 | 0101080-110007 |
| 14 Piston Retainer Ring | 0.1 | 0.1 | 0101080-190000 |
| 15 Flat Stop Ring | 0.2 | 0.4 | 0101080-130000 |
| 16 Bit Retainer | 1 | 2.3 | 0101080-150000 |
| 17 O'ring | 0 | 0 | C180010-002255 |
| 18 EHDW Chuck | 21.8 | 48 | 0101080-170034 |
| 19 Bit P8.1 16SP | - | - | - |

(1) Other threads are available prior consulting
 (2) Not installed on new hammers
 (3) Different Choke sizes are available
 (4) EHDW: Extra Heavy duty welding

GENERAL DESCRIPTION

| NET WEIGHT | | OUTSIDE DIAMETER | | HAMMER LENGTH | | HAMMER LENGTH WITH BIT | | | |
|------------|-----|------------------|------|---------------|------|------------------------|------|--------------|------|
| kg | lb | mm | in | mm | in | CLOSED BIT | | EXTENDED BIT | |
| 197 | 433 | 190 | 7.48 | 1303 | 51.3 | mm | in | mm | in |
| | | | | | | 1432 | 56.4 | 1482 | 58.3 |

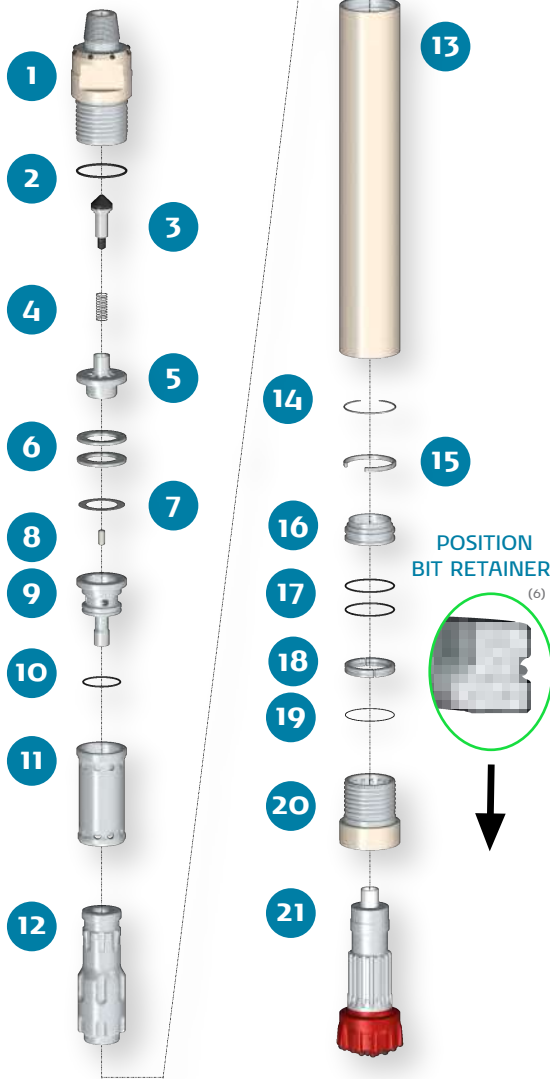
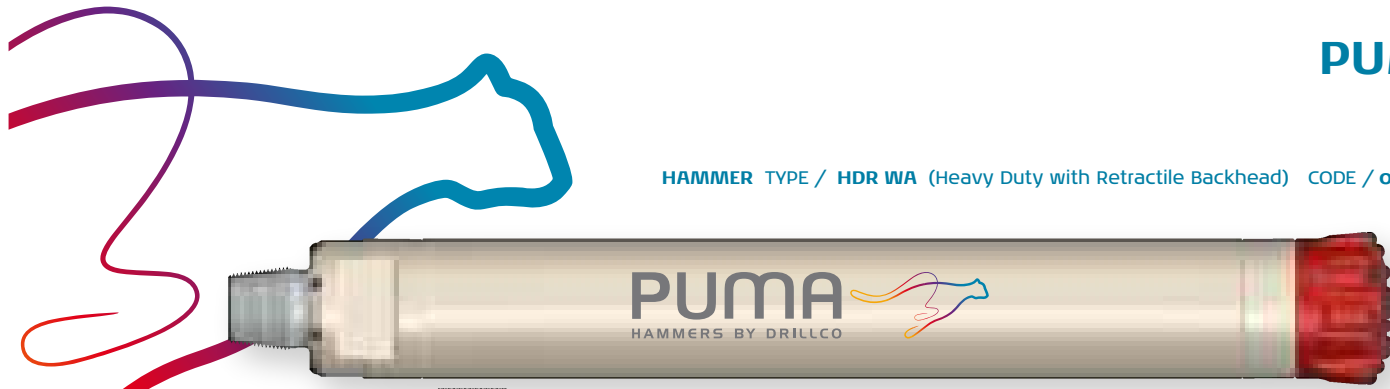
| AIR CONSUMPTION | | | | | | | | | | | | |
|-----------------|------|-----|-----|-----|------|------|--------|------|------|------|------|------|
| PRESSURE | psig | 150 | 200 | 250 | 300 | 350 | barg | 10.3 | 13.8 | 17.2 | 20.7 | 24.1 |
| VOLUME | SCFM | 530 | 735 | 950 | 1170 | 1390 | m3/min | 15.1 | 20.9 | 27 | 33.2 | 39.5 |

Check 08/2020

PHONE: (56-2) 2431-2211; (56-2) 2431-2200 / www.drillco.com

PUMA 8.1 QL 8

HAMMER TYPE / HDR WA (Heavy Duty with Retractable Backhead) CODE / 0001080-040008



SPARE PARTS

| ITEM / DESCRIPTION | kg / lb | CODE |
|---|------------|----------------|
| 1 HDR Backhead 4 1/2" Req. Pin ⁽¹⁾⁽²⁾ | 42.7 94.0 | 0106080-010016 |
| 2 O'Ring | 0.0 0.0 | C180010-002434 |
| 3 Check Valve Dart | 0.9 2.1 | 0101080-030000 |
| 4 Spring | 0.1 0.1 | 0101080-040000 |
| 5 Air Distributor | 4.3 9.5 | 0101080-050000 |
| 6 Compression Disk (Qty:2) | 1.5 3.3 | 0106080-060000 |
| 7 Make Up Ring Shim ⁽³⁾ | 0.1 0.1 | 0101080-180000 |
| 8 Choke ⁽⁴⁾ | 0.0 0.0 | 0101080-070000 |
| 9 Air Guide | 6.7 14.7 | 0101080-080000 |
| 10 O'Ring | 0.0 0.0 | C180010-002347 |
| 11 Water Cylinder ⁽⁵⁾ | 8.1 17.8 | 0101080-100001 |
| 12 Water Piston QL 8 ⁽⁵⁾ | 34.7 76.3 | 0101080-120009 |
| 13 HD Wear Sleeve | 74.8 164.6 | 0106080-110001 |
| 14 Piston Retainer Ring | 0.1 0.1 | 0101080-190000 |
| 15 Flat Stop Ring | 0.3 0.7 | 0101080-190002 |
| 16 Bit Guide QL 8 | 2.2 4.7 | 0101080-140001 |
| 17 O'Ring (Qty:2) | 0.0 0.0 | C180010-002358 |
| 18 Bit Retainer QL 8 ⁽⁶⁾ | 1.3 2.8 | 0101080-150004 |
| 19 O'Ring | 0.0 0.0 | C180010-002162 |
| 20 HD Chuck QL 8 | 12.3 27.0 | 0101080-170030 |
| 21 Bit QL 8 | - - | - |

(1) Other thread types can be delivered at request.
 (2) With retractile insert (186.5 mm-7.34" between inserts).
 (3) Not installed in new hammers.
 (4) Different Choke sizes are available.
 (5) Adapted to work under water (WA)
 (6) Bit Retainer position is shown in the detail
 HD: Heavy Duty HDR: HD with Retractable Backhead

GENERAL DESCRIPTION

| NET WEIGHT | | OUTSIDE DIAMETER | | HAMMER LENGTH | | HAMMER LENGTH WITH BIT | | | |
|------------|-----|------------------|-----|---------------|------|------------------------|------|--------------|------|
| | | | | | | CLOSED BIT | | EXTENDED BIT | |
| kg | lb | mm | in | mm | in | mm | in | mm | in |
| 190 | 418 | 185 | 7.3 | 1308 | 51.5 | 1465 | 57.7 | 1513 | 59.6 |

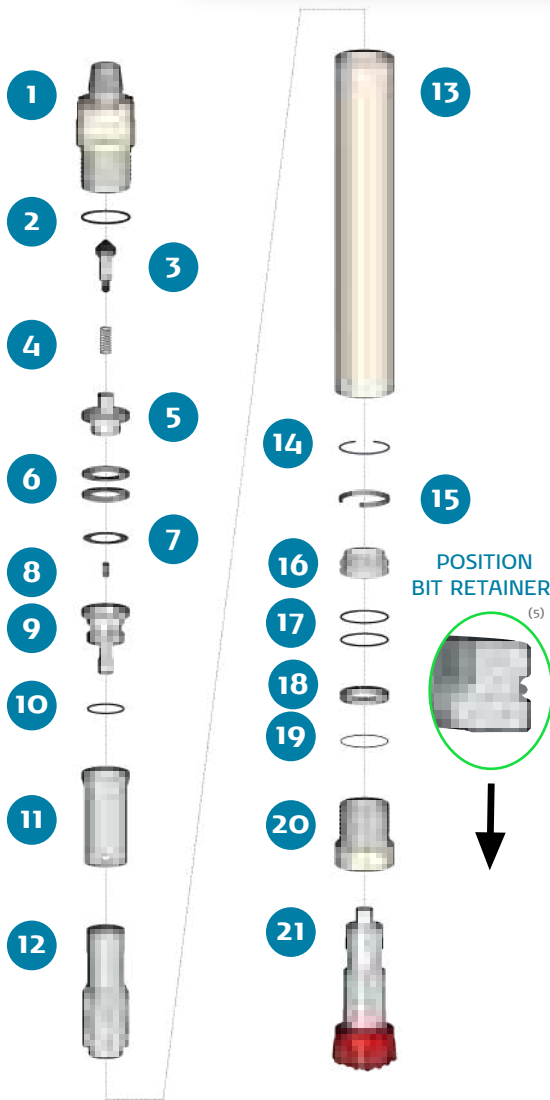
AIR CONSUMPTION

| PRESSURE | psig | 150 | 200 | 250 | 300 | 350 | barg | 10.3 | 13.8 | 17.2 | 20.7 | 24.1 |
|----------|------|-----|-----|-----|------|------|---------------------|------|------|------|------|------|
| VOLUME | SCFM | 530 | 735 | 950 | 1170 | 1390 | m ³ /min | 15.0 | 20.8 | 26.9 | 33.1 | 39.3 |

Check: 09/2018

PUMA 8.1 B kit - QL 8

HAMMER TYPE / HDR (Heavy Duty with Retractable Backhead) CODE / 0001080-040009



SPARE PARTS

| ITEM / DESCRIPTION | kg / lb | CODE |
|---|------------|----------------|
| 1 HDR Backhead 4 1/2" Req. Pin ⁽¹⁾⁽²⁾ | 42.7 94.0 | 0106080-010016 |
| 2 O'Ring | 0.0 0.0 | C180010-002434 |
| 3 Check Valve Dart | 0.9 2.1 | 0101080-030000 |
| 4 Spring | 0.1 0.1 | 0101080-040000 |
| 5 Air Distributor | 4.3 9.5 | 0101080-050000 |
| 6 Compression Disk (Qty:2) | 1.5 3.3 | 0106080-060000 |
| 7 Make Up Ring Shim ⁽³⁾ | 0.1 0.1 | 0101080-180000 |
| 8 Choke ⁽⁴⁾ | 0.0 0.0 | 0101080-070000 |
| 9 Air Guide | 6.7 14.7 | 0101080-080000 |
| 10 O'Ring | 0.0 0.0 | C180010-002347 |
| 11 Cylinder | 9.5 20.9 | 0101080-100000 |
| 12 Piston QL 8 | 34.9 76.8 | 0101080-120005 |
| 13 HD Wear Sleeve | 74.8 164.6 | 0106080-110001 |
| 14 Piston Retainer Ring | 0.1 0.1 | 0101080-190000 |
| 15 Flat Stop Ring | 0.3 0.7 | 0101080-190002 |
| 16 Bit Guide QL 8 | 2.2 4.7 | 0101080-140001 |
| 17 O'Ring (Qty:2) | 0.0 0.0 | C180010-002358 |
| 18 Bit Retainer QL 8 ⁽⁵⁾ | 1.3 2.8 | 0101080-150004 |
| 19 O'Ring | 0.0 0.0 | C180010-002162 |
| 20 HD Chuck QL 8 | 12.3 27.0 | 0101080-170030 |
| 21 Bit QL 8 | - - | - |

(1) Other thread types can be delivered at request.
 (2) With retractile insert (186.5 mm-7.34" between inserts).
 (3) Not installed in new hammers.
 (4) Different Choke sizes are available.
 (5) Bit Retainer position is shown in the detail
 HD: Heavy Duty HDR: HD with Retractable Backhead

GENERAL DESCRIPTION

| NET WEIGHT | | OUTSIDE DIAMETER | | HAMMER LENGTH | | HAMMER LENGTH WITH BIT | | | |
|------------|-----|------------------|-----|---------------|------|------------------------|------|--------------|------|
| | | | | | | CLOSED BIT | | EXTENDED BIT | |
| kg | lb | mm | in | mm | in | mm | in | mm | in |
| 192 | 422 | 185 | 7.3 | 1308 | 51.5 | 1465 | 57.7 | 1513 | 59.6 |

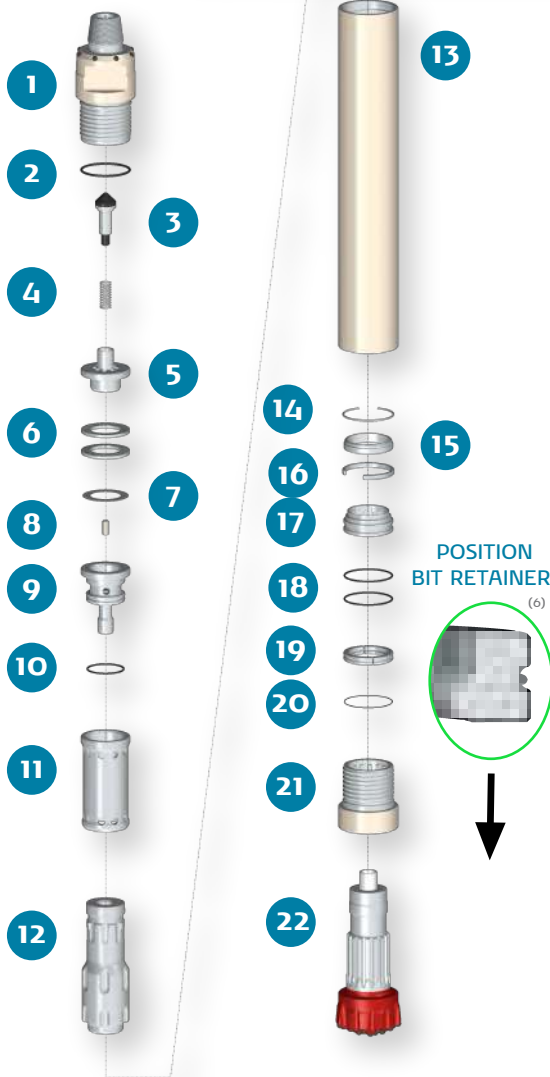
AIR CONSUMPTION

| PRESSURE | psig | 150 | 200 | 250 | 300 | 350 | barg | 10.3 | 13.8 | 17.2 | 20.7 | 24.1 |
|----------|------|-----|-----|-----|------|------|---------------------|------|------|------|------|------|
| VOLUME | SCFM | 530 | 735 | 950 | 1170 | 1390 | m ³ /min | 15.0 | 20.8 | 26.9 | 33.1 | 39.3 |

Check: 05/2018

PUMA 8.1 LV QL 8

HAMMER TYPE / HDR WA (Heavy Duty with Retractable Backhead) CODE / 0001080-040010



SPARE PARTS

| ITEM / DESCRIPTION | kg / | lb | CODE |
|---|------|-------|----------------|
| 1 HDR Backhead 4 1/2" Reg. Pin ⁽¹⁾⁽²⁾ | 42.7 | 94.0 | 0106080-010016 |
| 2 O'Ring | 0.0 | 0.0 | C180010-002434 |
| 3 Check Valve Dart | 0.9 | 2.1 | 0101080-030000 |
| 4 Spring | 0.1 | 0.1 | 0101080-040000 |
| 5 Air Distributor | 4.3 | 9.5 | 0101080-050000 |
| 6 Compression Disk (Qty:2) | 1.5 | 3.3 | 0106080-060000 |
| 7 Make Up Ring Shim ⁽³⁾ | 0.1 | 0.1 | 0101080-180000 |
| 8 Choke ⁽⁴⁾ | 0.0 | 0.0 | 0101080-070000 |
| 9 Air Guide | 6.7 | 14.7 | 0101080-080000 |
| 10 O'Ring | 0.0 | 0.0 | C180010-002347 |
| 11 Water Cylinder ⁽⁵⁾ | 8.1 | 17.8 | 0101080-100001 |
| 12 Water LV Piston QL 8 ⁽⁵⁾ | 34.7 | 76.3 | 0101080-120011 |
| 13 HD Wear Sleeve | 74.8 | 164.6 | 0106080-110001 |
| 14 Piston Retainer Ring | 0.1 | 0.1 | 0101080-190000 |
| 15 Reducer of front camera | 0.4 | 0.9 | 0101080-240004 |
| 16 Flat Stop Ring | 0.3 | 0.7 | 0101080-190002 |
| 17 Bit Guide QL 8 | 2.2 | 4.7 | 0101080-140001 |
| 18 O'Ring (Qty:2) | 0.0 | 0.0 | C180010-002358 |
| 19 Bit Retainer QL 8 ⁽⁶⁾ | 1.3 | 2.8 | 0101080-150004 |
| 20 O'Ring | 0.0 | 0.0 | C180010-002162 |
| 21 HD Chuck QL 8 | 12.3 | 27.0 | 0101080-170030 |
| 22 Bit QL 8 | - | - | - |

(1) Other thread types can be delivered at request.
 (2) With retractile insert (186.5 mm-7.34" between inserts).
 (3) Not installed in new hammers.
 (4) Different Choke sizes are available.
 (5) Adapted to work under water (WA)
 (6) Bit Retainer position is shown in the detail
 HD: Heavy Duty HDR: HD with Retractable Backhead ; LV Low Consumption

GENERAL DESCRIPTION

| NET WEIGHT | | OUTSIDE DIAMETER | | HAMMER LENGTH | | HAMMER LENGTH WITH BIT | | | |
|------------|-----|------------------|-----|---------------|------|------------------------|------|--------------|------|
| | | | | | | CLOSED BIT | | EXTENDED BIT | |
| kg | lb | mm | in | mm | in | mm | in | mm | in |
| 191 | 419 | 185 | 7.3 | 1308 | 51.5 | 1465 | 57.7 | 1513 | 59.6 |

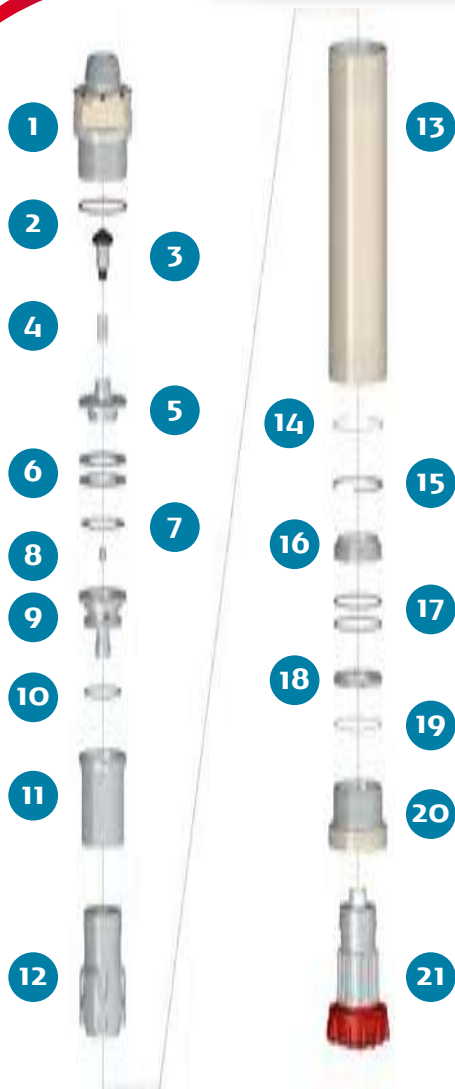
AIR CONSUMPTION

| PRESSURE | psig | 150 | 200 | 250 | 300 | 350 | barg | 10.3 | 13.8 | 17.2 | 20.7 | 24.1 |
|----------|------|-----|-----|-----|------|------|---------------------|------|------|------|------|------|
| VOLUME | SCFM | 476 | 660 | 853 | 1050 | 1247 | m ³ /min | 13.5 | 18.7 | 24.1 | 29.7 | 35.3 |

Check: 04/2020

PUMA 8.1 B Kit - QL 8

HAMMER TYPE / HDWR (Heavy Duty Welding with Retractable Backhead) CODE / 0001080-050026



SPARE PARTS

| ITEM / DESCRIPTION | kg / | lb | CODE |
|---|------|-------|----------------|
| 1 HDWR Backhead 4 1/2" Beco Pin ⁽¹⁾ | 43.2 | 95.1 | 0106080-010000 |
| 2 Backhead O'Ring | 0.0 | 0.0 | C180010-002434 |
| 3 Check Valve Dart | 0.8 | 1.8 | 0101080-030000 |
| 4 Spring | 0.1 | 0.1 | 0101080-040000 |
| 5 Air Distributor | 4.3 | 9.5 | 0101080-050000 |
| 6 Compression Disk (Qty:2) | 1.5 | 3.3 | 0106080-060000 |
| 7 Make Up Ring Shim ⁽²⁾ | 0.1 | 0.1 | 0101080-180000 |
| 8 Choke ⁽³⁾ | 0.0 | 0.0 | 0101080-070000 |
| 9 Air Guide | 6.7 | 14.7 | 0101080-080000 |
| 10 Air Guide O'Ring | 0.0 | 0.0 | C180010-002347 |
| 11 Cylinder | 9.5 | 20.9 | 0101080-100000 |
| 12 Piston QL 8 | 34.9 | 76.8 | 0101080-120005 |
| 13 HDW Wear Sleeve | 75.5 | 166.1 | 0106080-110000 |
| 14 Piston Retainer Ring | 0.1 | 0.1 | 0101080-190000 |
| 15 Flat Stop Ring B Kit | 0.3 | 0.7 | 0101080-190002 |
| 16 Bit Guide B Kit QL 8 | 2.2 | 4.7 | 0101080-140001 |
| 17 Bit Guide O'Ring (Qty:2) | 0.0 | 0.0 | C180010-002358 |
| 18 Bit Retainer B Kit QL 8 | 1.3 | 2.8 | 0101080-150004 |
| 19 Bit Retainer O'Ring | 0.0 | 0.0 | C180010-002162 |
| 20 HDW Chuck B Kit QL 8 | 12.2 | 26.8 | 0101080-170027 |
| 21 Bit QL 8 | - | - | - |

(1) Other thread types can be delivered at request.

(2) Not installed in new hammers.

(3) Open plugs are available.

HDW: Heavy Duty Welding; HDWR: HDW with retractile backhead.

GENERAL DESCRIPTION

| NET WEIGHT | | OUTSIDE DIAMETER | | HAMMER LENGTH | | HAMMER LENGTH WITH BIT | | | |
|------------|-----|------------------|-----|---------------|------|------------------------|------|--------------|------|
| | | | | | | CLOSED BIT | | EXTENDED BIT | |
| kg | lb | mm | in | mm | in | mm | in | mm | in |
| 193 | 424 | 188 | 7.4 | 1308 | 51.5 | 1465 | 57.7 | 1513 | 59.6 |

| AIR CONSUMPTION | | | | | | | | | | | | |
|-----------------|------|-----|-----|-----|------|------|---------------------|------|------|------|------|------|
| PRESSURE | psig | 150 | 200 | 250 | 300 | 350 | barg | 10.3 | 13.8 | 17.2 | 20.7 | 24.1 |
| VOLUME | SCFM | 530 | 735 | 950 | 1170 | 1390 | m ³ /min | 15.0 | 20.8 | 26.9 | 33.1 | 39.3 |



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