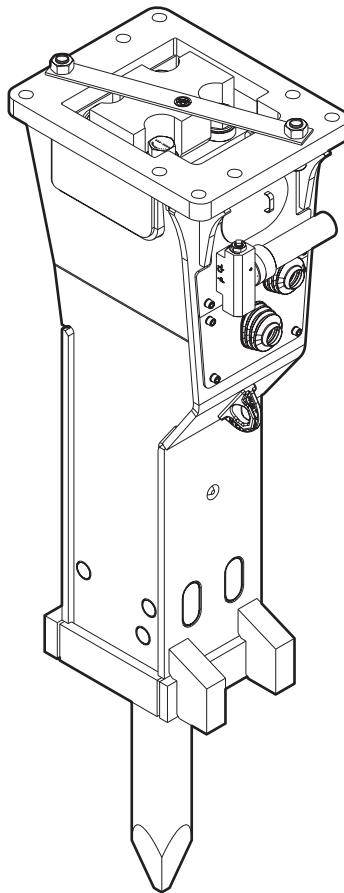


MB 1500

Spare parts list Hydraulic breakers

MB 1500 s/n DEQ170639 - DEQ201176



General information

This spare parts list applies to the following:

Part number	Description
3363120010	Hydraulic breaker HB 1500
3363124768	Hydraulic breaker HB 1500 with HATCON

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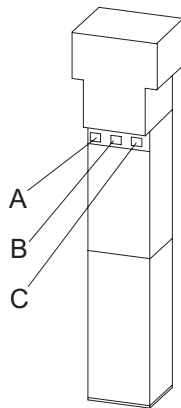
Instructions for use

This spare parts list contains no safety regulations and is merely intended to assist in the ordering of spare parts. For information about operating, servicing, or repairing, the relevant Safety and operating instructions must be consulted at all costs. Please observe the safety instructions listed in the relevant Safety and operating instructions!

Instructions for ordering

It is essential to indicate the serial number of the hydraulic attachment when ordering spare parts! Please note the full identification number of your hydraulic attachment. The code can be found on the cylinder. Determine the quantity of individual parts which are required and need to be ordered. The order must indicate the following details:

- full identification code of the hydraulic attachment
- required quantity
- part number
- description



- A. Cylinder number
- B. Type
- C. Serial number

Service, repair and wear part kits

Label kit 1

Kit list 3

Mechanical

Hydraulic breaker 6

Percussion unit part 1: cylinder cover9

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Percussion unit part 3: lower breaker part 13

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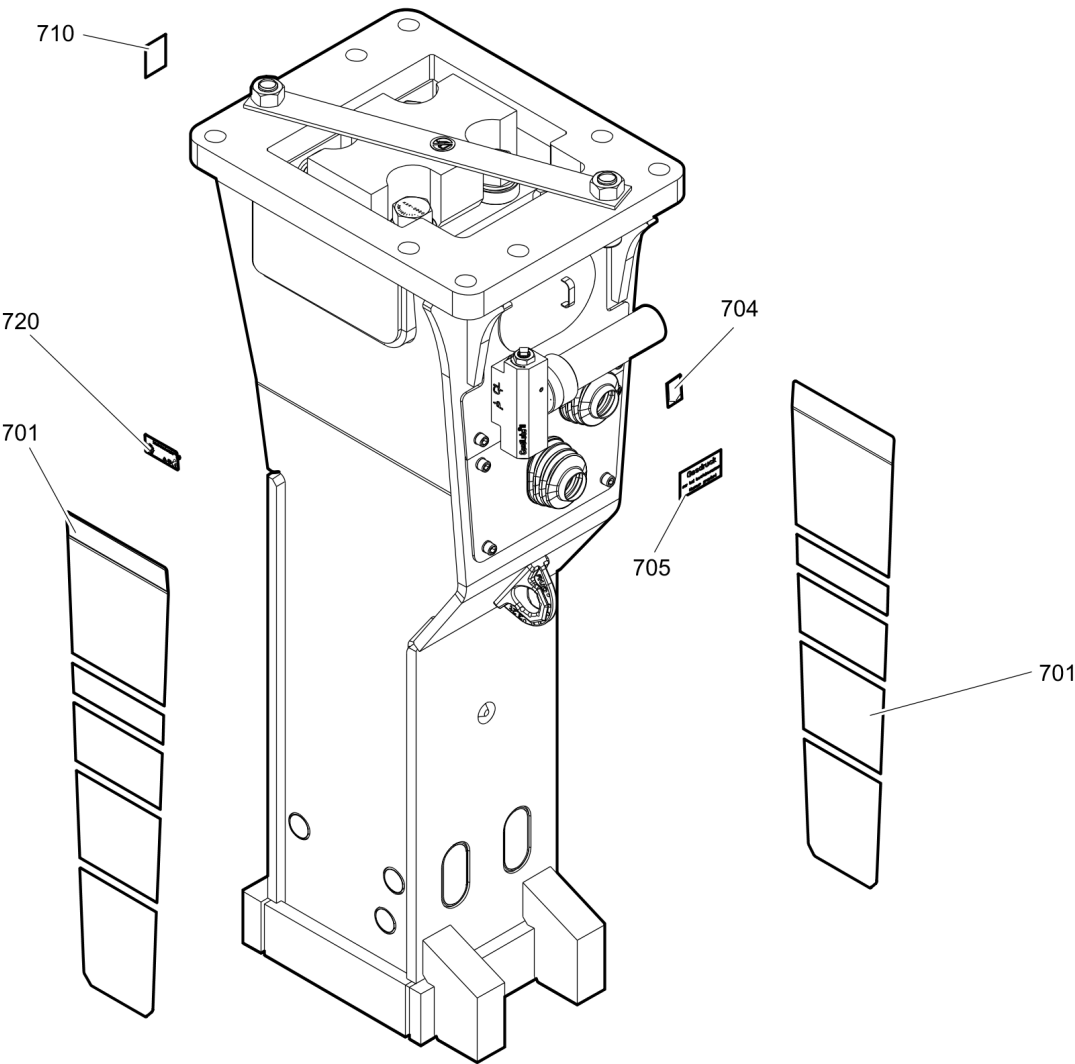
Optional equipment 31

ClassicLine 33

ProLine 35

Service, repair and wear part kits Label kit

700			
701	704	705	710



Item	Part No.	Name	Qty	L
700(701-710)	3363121168	Label kit	1	
701		Label "MB1500 Epiroc"	2	
704		Label - Lubricating symbol	1	
705		Label - Gas pressure	2	
710		Sound power label	1	
720		Name plate - Consult the authorized Customer Center/Dealer in your area.	1	

Service, repair and wear part kits Kit list

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Item	Part No.	Name	Qty	L
KIT	3363098729	Seal kit	1	
120	3363103417	Seal	1	
122	3360478169	O-ring	1	
127(128-129)	3363103152	Seal kit	2	
128		Seal	1	
129		Back-up ring	1	
182	3360478426	Threaded plug	1	
183	3360175125	O-ring	1	
303	3363098702	O-ring	1	
305	3363098705	Wiper	1	
315	3360478171	O-ring	1	
390(391-392)	3363103153	Seal kit	2	
391		Seal	1	
392		Back-up ring	1	
397	3360314551	O-ring	2	
602	3363083245	O-ring	1	
KIT	3363121167	Plastic parts kit	1	
2	3363033957	Elastic pad	1	
3	3361847637	Shock absorber	2	
4	3363118296	Guide plate	2	
6	3363115969	Guide plate	1	
7	3363114321	Guide plate	2	
KIT	3363098381	Tensioning bolt kit	1	A
191		Tensioning bolt	2	
192	3363097773	Washer	2	
487	3363031774	Threaded insert	2	
KIT	3363121170	Noise protection kit	1	
31	3363086015	Plug	10	
32	3363086011	Plug	2	
35	3363118186	Bellows	2	
36	3363092697	Cover	1	
39	3362267893	Plug	1	
KIT	3363098383	Lower breaker part kit (steel)	1	
401	3363102119	Retainer bar	2	
405	3362261850	Bolt	2	
409	3362262925	Plug	4	
482	3363102129	Buffer Ring	1	

Refer to the DocMine web page for most up-to-date information. The printed information might be outdated.

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Item	Part No.	Name	Qty	L
483	3363102131	Wear Bush	1	
484	3363102137	Wear Bush (steel)	1	
485	3362261850	Bolt	2	
486	3361854363	Locking bush	4	
-	3315038100	Bio chisel paste cartridge, 12 x 400 g (0.88 lbs)	1	
-	3361852169	Test gauge lower wear bush	1	

Comments for Page: Kit list

A | You need Anti-Seize agent when fitting tensioning bolts. You have to order it separately.

Anti-seize 120 g, part number 3363094300

Or buy it locally according to the following specification:

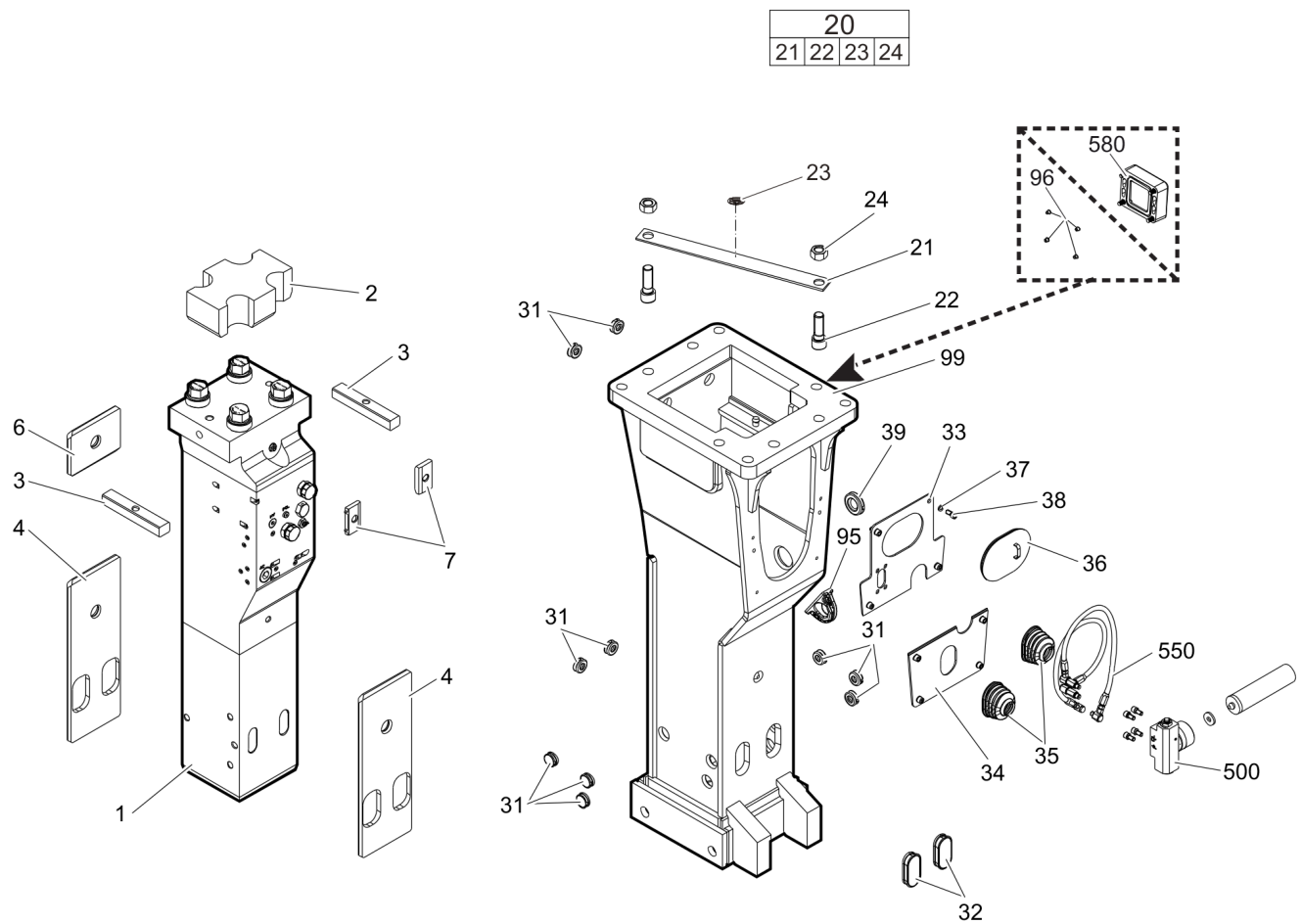
coefficient of friction 0.14 μ

coefficient of friction thread 0.13 μ

coefficient of friction on upside down 0.15 μ

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Mechanical Hydraulic breaker



Item	Part No.	Name	Qty	L
1		Percussion unit	1	A
2	3363033957	Elastic pad	1	
3	3361847637	Shock absorber	2	
4	3363118296	Guide plate	2	
6	3363115969	Guide plate	1	
7	3363114321	Guide plate	2	
20(21-24)	3363083416	Transport safety device complete	1	
21		Transport safety device	1	
22	3360026883	Allen screw	2	
23	3363091872	Label transport safety device	1	
24	3360103254	Nut	2	
31	3363086015	Plug	10	
32	3363086011	Plug	2	
33	3363120015	Plate	1	
34	3363120016	Plate	1	
35	3363118186	Bellows	2	
36	3363092697	Cover	1	
37	3361850596	Pair of lock washers	8	
38	3362328480	Allen screw	8	
39	3362267893	Plug	1	
95	3363111994	Lifting eye	1	B
96	3315439145	Protective plug HATCON	4	C
99	3363120011	Breaker box	1	D
500	3363067123	Automatic lubrication system	1	
550		Connecting kit for automatic lubrication system	1	A
580		HATCON	1	E

Comments for Page: Hydraulic breaker

A | see separate chapter

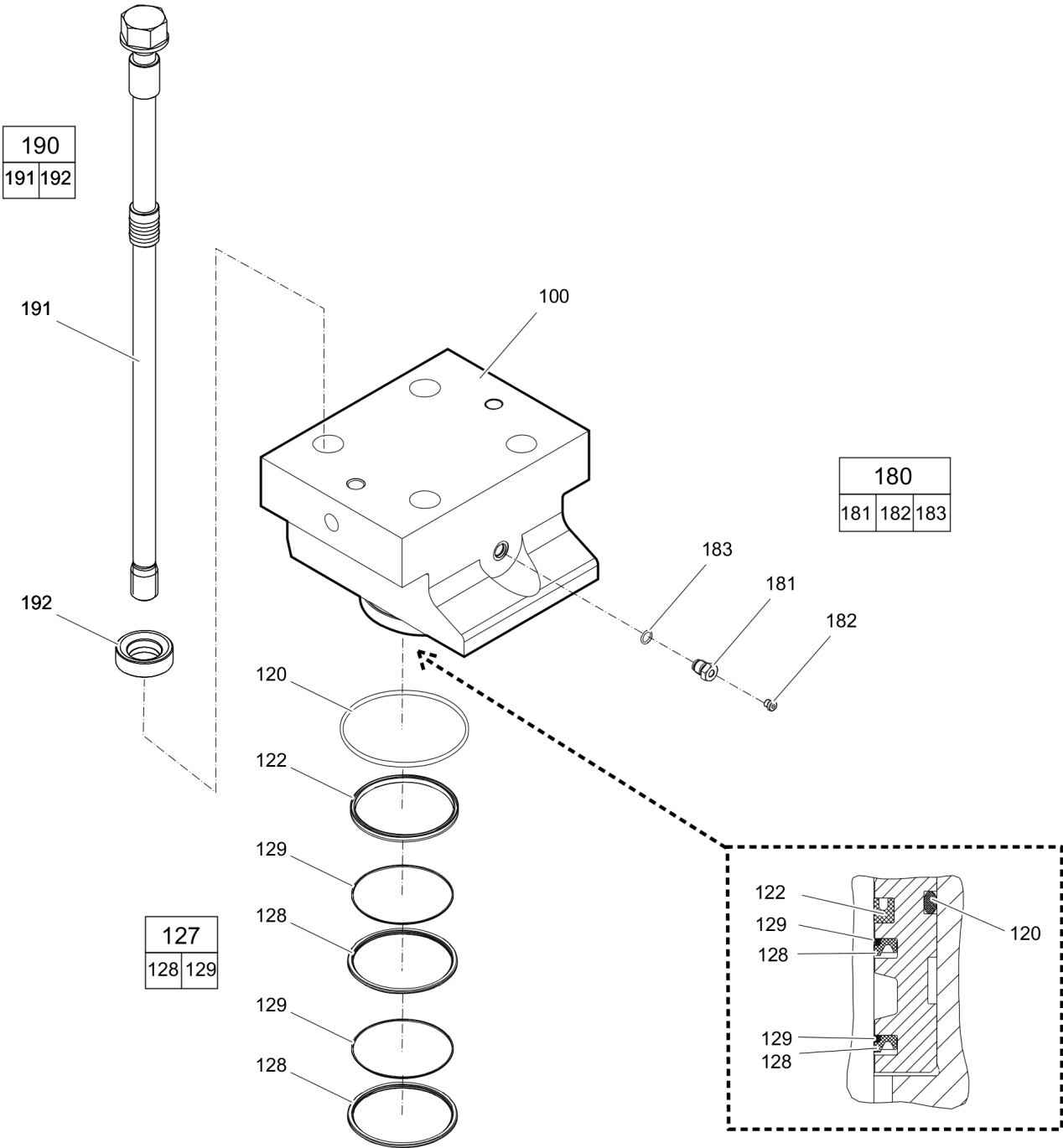
B | professional welding process necessary

C | only for hydraulic breakers without HATCON

D | with item 95 and 96

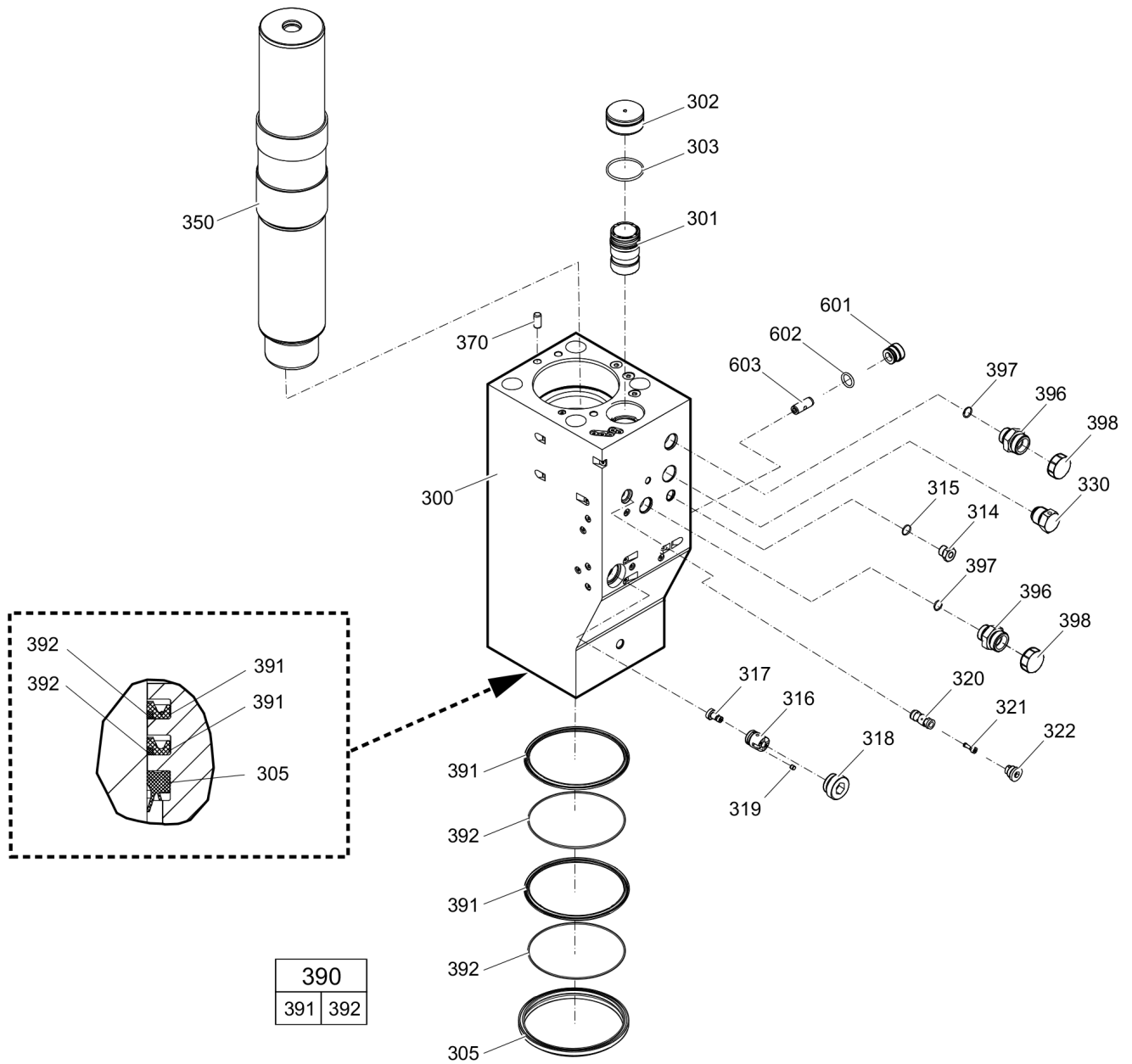
E | only for hydraulic breakers with HATCON / see separate chapter

Mechanical Percussion unit part 1: cylinder cover



Item	Part No.	Name	Qty	L
100	3363098721	Cylinder cover	1	
120	3360478169	O-ring	1	
122	3363103417	Seal	1	
127(128-129)	3363103152	Seal kit	2	
128		Seal	1	
129		Back-up ring	1	
180(181-183)	3363087286	Filling valve complete	1	
181		Filling valve	1	
182	3360478426	Threaded plug	1	
183	3360175125	O-ring	1	
190(191-192)	3363098728	Tensioning bolt complete	4	
191		Tensioning bolt	1	
192	3363097773	Washer	1	

Mechanical Percussion unit part 2: cylinder



Item	Part No.	Name	Qty	L
300	3363098722	Cylinder	1	A
301	3363102117	Main control valve	1	
302	3363102115	Cover	1	
303	3363098702	O-ring	1	
305	3363098705	Wiper	1	
314	3361854657	Connecting screw	1	
315	3360478171	O-ring	1	
316	3363067803	Valve bushing	1	B
317	3363067805	Valve piston	1	B
318	3363069501	Threaded plug	1	
319	3363066197	Pin	1	B
320	3363033059	Valve housing	1	B
321	3363105305	Valve piston	1	
322	3363033749	Threaded plug	1	
330	3361854511	Non-return valve	1	
350	3363098892	Percussion piston	1	
370	3360921179	Lock pin	1	
390(391-392)	3363103153	Seal kit	2	
391		Seal	1	
392		Back-up ring	1	
396	3360995665	Fitting	2	C
397	3360314551	O-ring	2	
398	3361353488	Protective cap	2	
601	3363082593	Plug	1	
602	3363083245	O-ring	1	
603	3363082505	Valve	1	D

Comments for Page: Percussion unit part 2: cylinder

(L)OCAL REMARKS

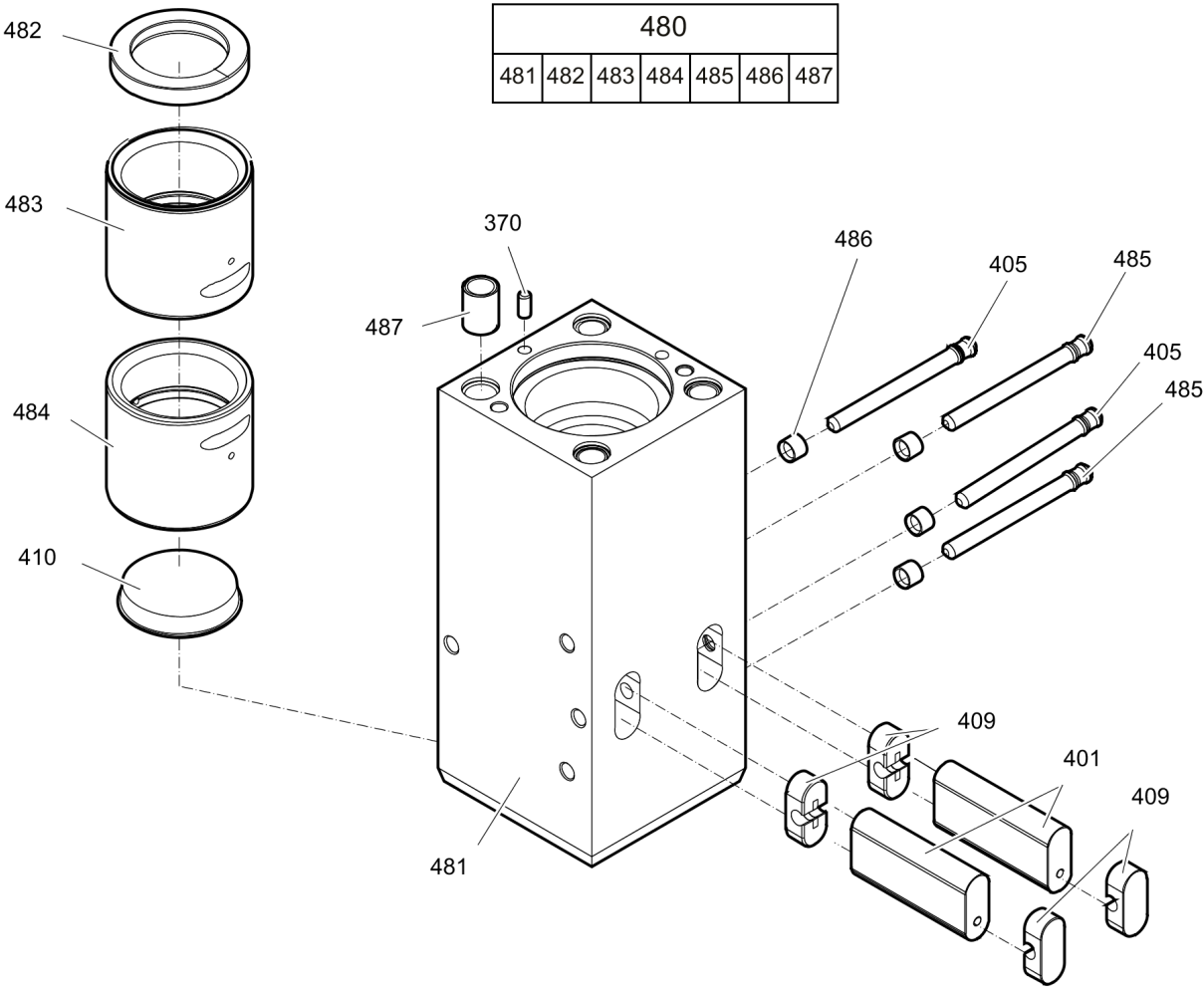
A | with items 601 - 603

B | AutoControl

C | with item 397

D | StartSelect

Mechanical Percussion unit part 3: lower breaker part



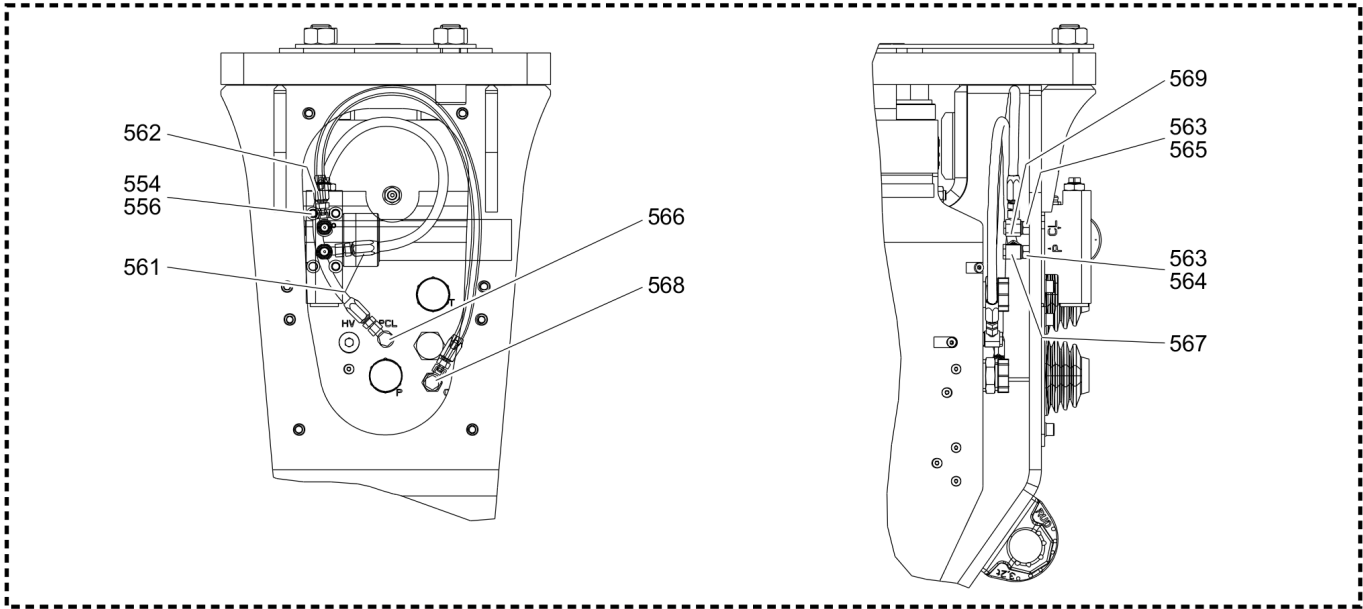
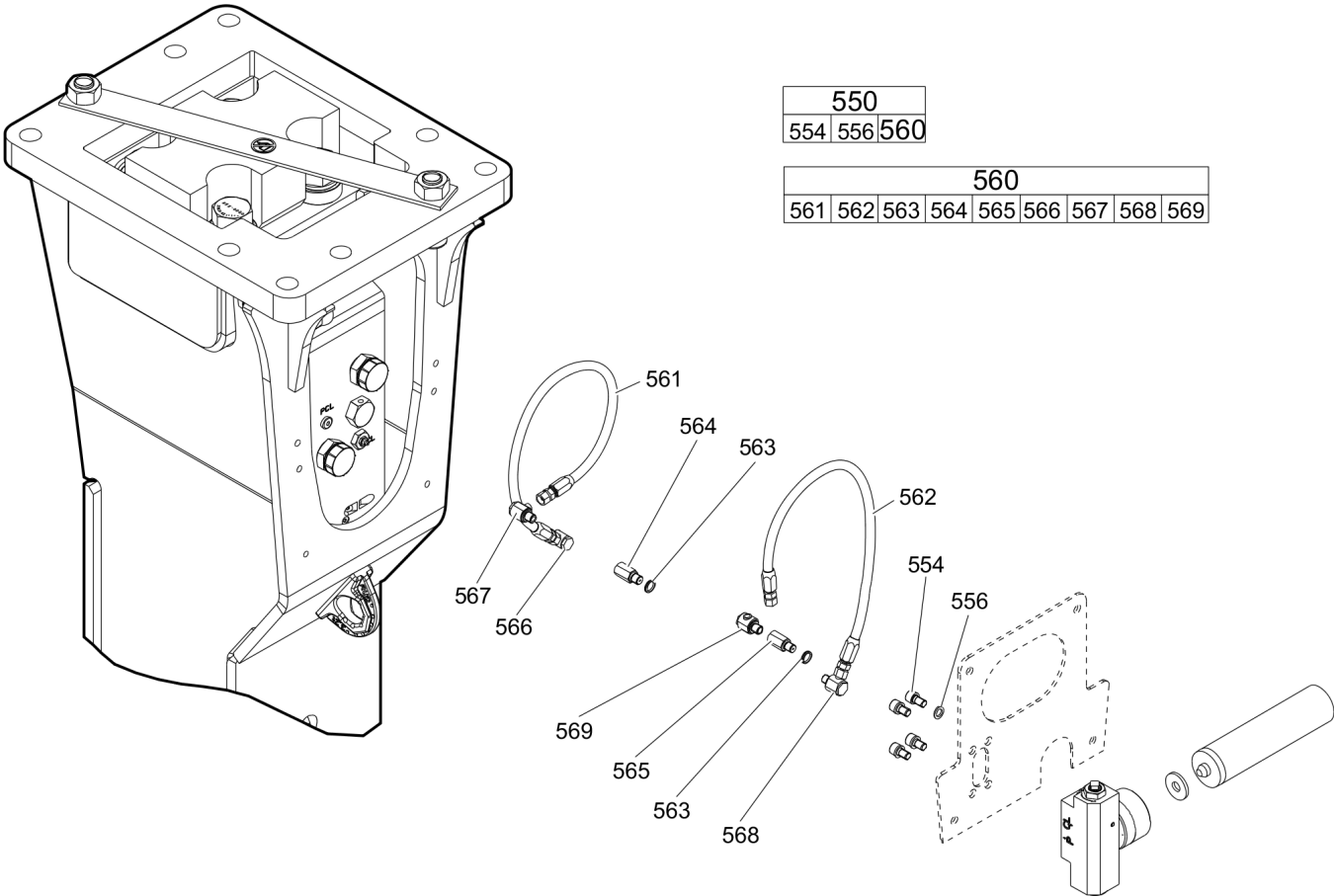
Item	Part No.	Name	Qty	L
370	3360921179	Lock pin	1	
401	3363102119	Retainer bar	2	
405	3362261850	Bolt	2	
409	3362262925	Plug	4	
410	3360995339	Protective cap	1	
480(481-487)	3363098723	Lower breaker part, complete	1	A
481		Lower breaker part	1	
482	3363102129	Buffer Ring	1	
483	3363102131	Wear Bush	1	
484	3363102137	Wear Bush (steel)	1	
485	3362261850	Bolt	2	
486	3361854363	Locking bush	4	
487	3363031774	Threaded insert	4	

Comments for Page: Percussion unit part 3: lower breaker part

(L)OCAL REMARKS

A | Note: When ordering a lower breaker part for DustProtector version it is imperative to order additionally the base for wiper (item 18) and the wiper (item 19).

Mechanical Connecting kit for for automatic lubrication system



Item	Part No.	Name	Qty	L
550(554-560)		Connecting kit for automatic lubrication system	1	
554	3362328480	Allen screw	4	A
556	3361850596	Pair of lock washers	4	
560(561-569)	3363118213	Connecting kit for automatic lubrication system	1	B
561	3363087394	Hydraulic hose	1	C
562	3363087393	Hydraulic hose	1	D
563	3363066951	Seal	2	
564	3363068745	Adapter	1	A
565	3363066887	Adapter	1	A
566	3363066234	Fitting	1	A
567	3363066234	Fitting	1	A
568	3363066233	Fitting	1	A
569	3363066233	Fitting	1	A

Comments for Page: Connecting kit for for automatic lubrication system

(L)OCAL REMARKS

A | secure with Loctite 243

B | without fastening elements

C | Oil line

secure with Loctite 243

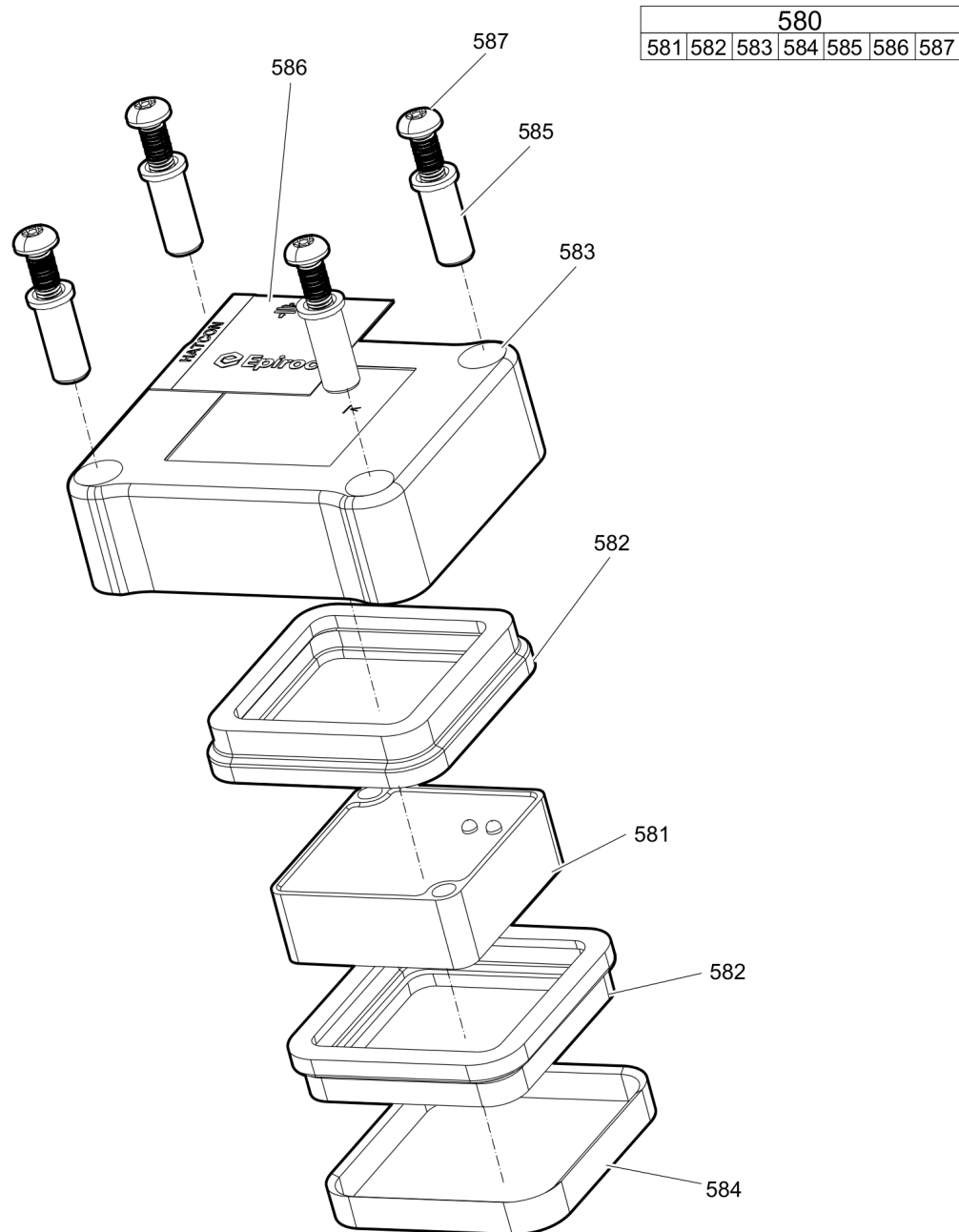
Route the hydraulic hoses as shown on the drawing. It must be ensured that the hydraulic hoses can move freely and are not in contact at any point.

D | Grease line

secure with Loctite 243

Route the hydraulic hoses as shown on the drawing. It must be ensured that the hydraulic hoses can move freely and are not in contact at any point.

Mechanical HATCON

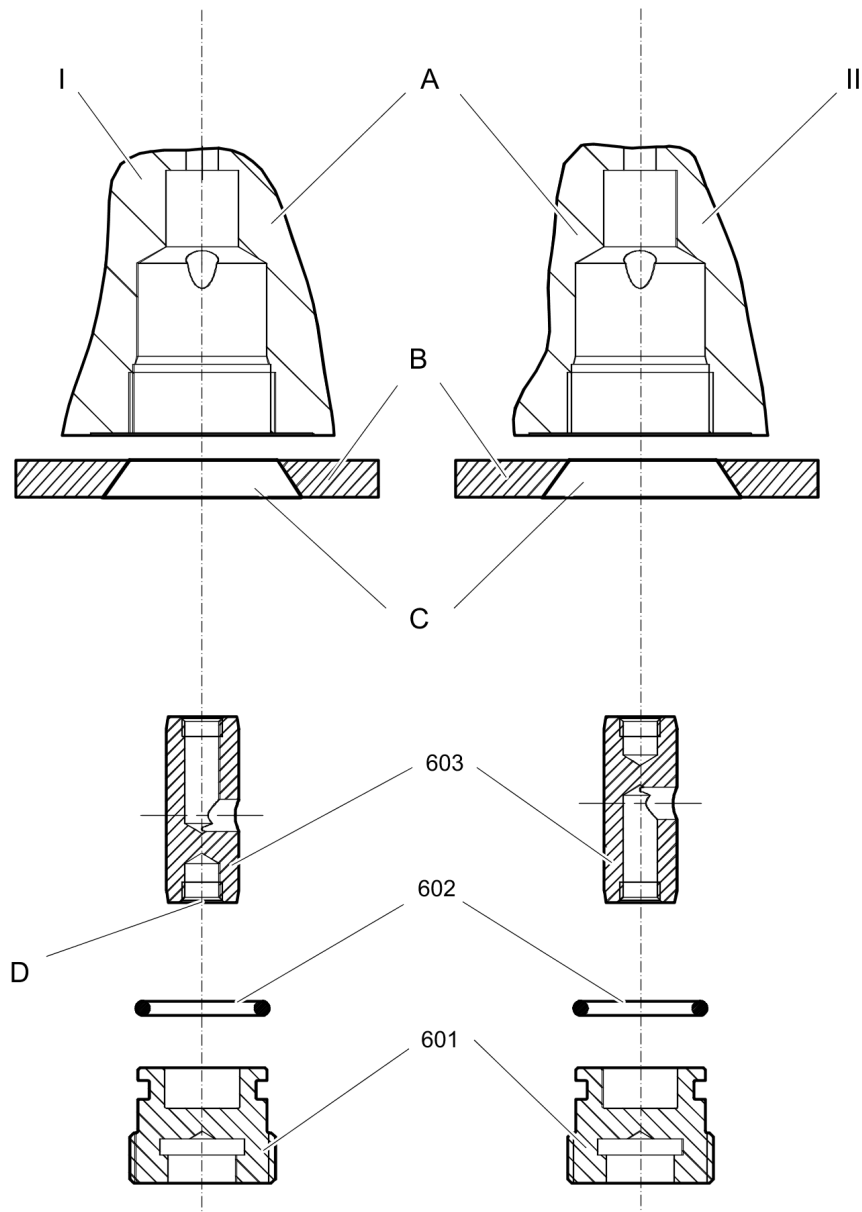


Item	Part No.	Name	Qty	L
580(581-587)		HATCON	1	A
581		Tracking module HATCON	1	
582	3315439130	Damper HATCON	2	
583	3315439110	Housing type 1 HATCON	1	
584	3315439140	Lock ring HATCON	1	
585	3315439120	Sleeve HATCON	4	
586	3315439100	Product label HATCON	1	
587	3315442600	Screw HATCON	4	

Comments for Page: HATCON

A | part number see chapter "Optional equipment"

Mechanical StartSelect - AutoStart or AutoStop



Item	Part No.	Name	Qty	L
601	3363082593	Plug	1	
602	3363083245	O-ring	1	
603	3363082505	Valve	1	A

Comments for Page: StartSelect - AutoStart or AutoStop

I = AutoStop setting

II = AutoStart setting (standard setting on delivery)

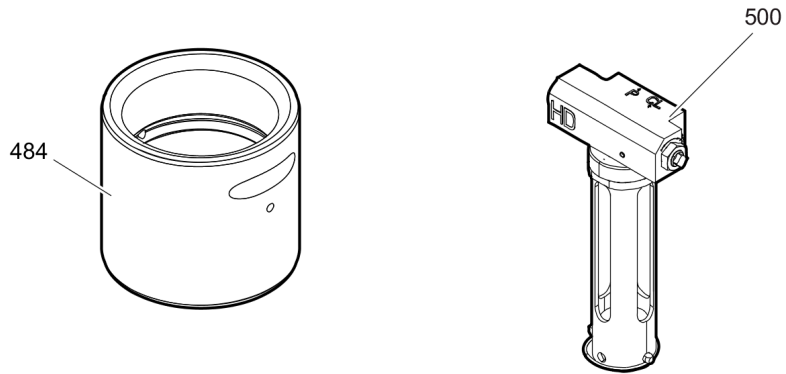
- A. Port bore in cylinder
- B. Wall of breaker box
- C. Plug of breaker box
- D. M 10 thread (both ends) for mounting

The position of the StartSelect unit is shown on the percussion unit illustrations.

(L)OCAL REMARKS

A | StartSelect

Mechanical Optional parts



Item	Part No.	Name	Qty	L
484	3363102139	Wear bush (bronze)	1	
500	3363117931	Automatic lubrication system HD	1	

Mechanical Tightening torques

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Item	Part No.	Name	Qty	L
22	-	Allen screw - 240 Nm (177 ft lbf)	-	A
24	-	Nut - 240 Nm (177 ft lbf)	-	B
181	-	Filling valve - 130 Nm (96 ft lbf)	-	C
182	-	Threaded plug - 20 Nm (15 ft lbf)	-	D
191	-	Tensioning bolt -	-	E
314	-	Threaded plug - 300 Nm (221 ft lbf)	-	A
318	-	Threaded plug - 350 Nm (258 ft lbf)	-	F
322	-	Threaded plug - 100 Nm (74 ft lbf)	-	G
330	-	Non-return valve - 200 Nm (148 ft lbf)	-	H
396	-	Fitting - 330 Nm (243 ft lbf)	-	I
554	-	Allen screw - 85 Nm (63 ft lbf)	-	J
561	-	Hydraulic hose - 42 Nm (31 ft lbf)	-	K
562	-	Hydraulic hose - 16 Nm (12 ft lbf)	-	L
564	-	Adapter - 55 Nm (41 ft lbf)	-	K
565	-	Adapter - 45 Nm (31 ft lbf)	-	K
566	-	Fitting - 55 Nm (41 ft lbf)	-	M
567	-	Fitting - 55 Nm (41 ft lbf)	-	M
568	-	Fitting - 45 Nm (31 ft lbf)	-	N
569	-	Fitting - 45 Nm (31 ft lbf)	-	N
587	-	Screw HATCON - 22 Nm (16 ft lbf)	-	P
601	-	Plug - 200 Nm (148 ft lbf)	-	O

Comments for Page: Tightening torques

(L)OCAL REMARKS

A | Allen key size 22

B | Socket spanner size 46

C | Socket spanner size 22

D | Allen key size 5

E | Torque wrench or Power wrench size 55

1. Pretighten the tensioning bolts to 500 Nm (369 ft lbf), proceeding in a crosswise fashion,
2. then tighten each tensioning bolt through 120° (2 sides of hexagonal head) in a crosswise fashion,
3. finally tighten each tensioning bolt again through 120° (2 sides of hexagonal head) in a crosswise fashion.

F | Allen key size 24

G | Allen key size 12

H | Socket spanner size 41

I | Jaw spanner size 46/50

J | Allen key size 10

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K | Open-ended wrench size 19

L | Open-ended wrench size 17

M | Open-ended wrench size 19, 22

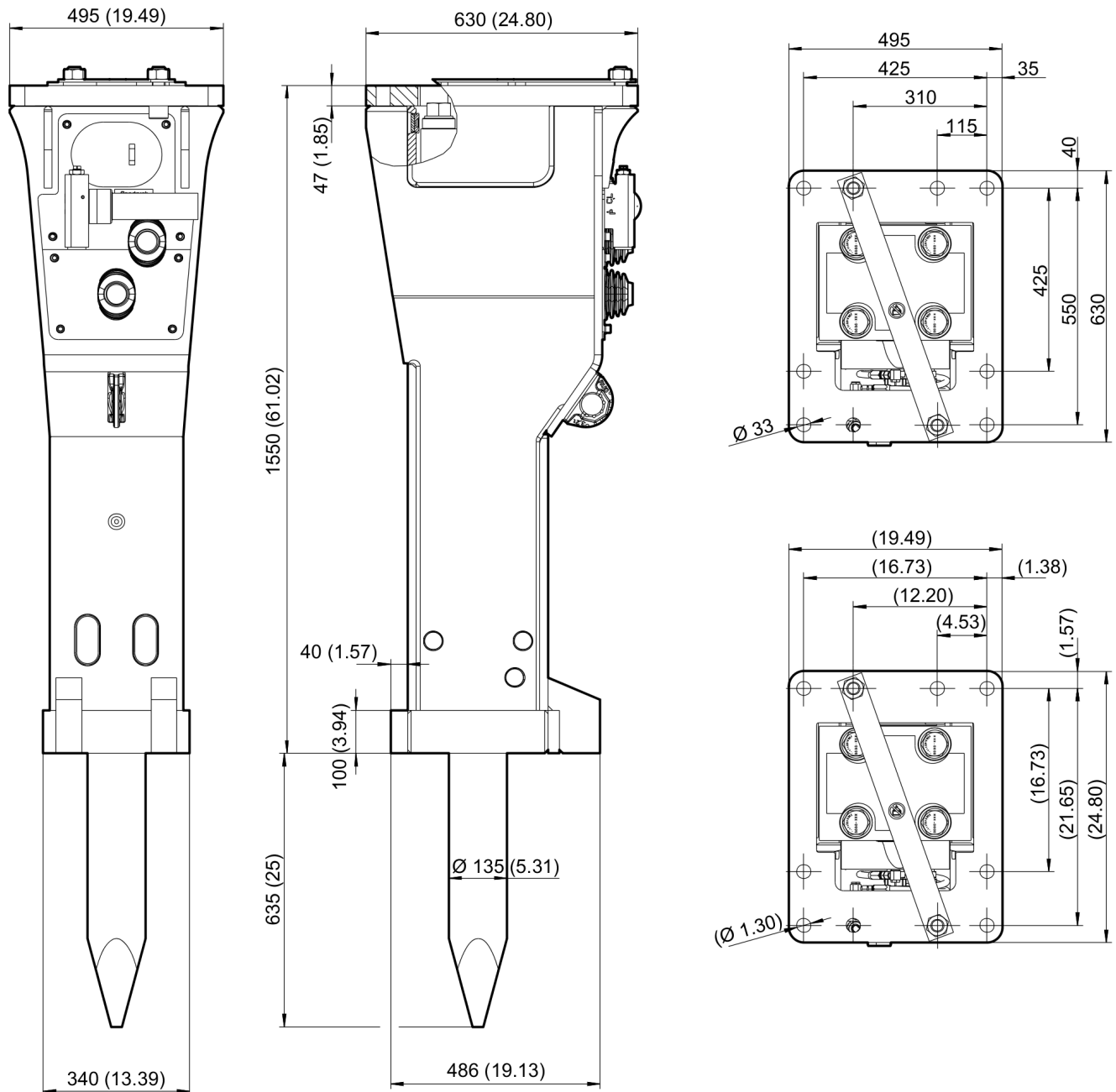
N | Open-ended wrench size 17, 19, 22

O | Allen key size 17

P | Security bit HATCON

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Mechanical Dimensions



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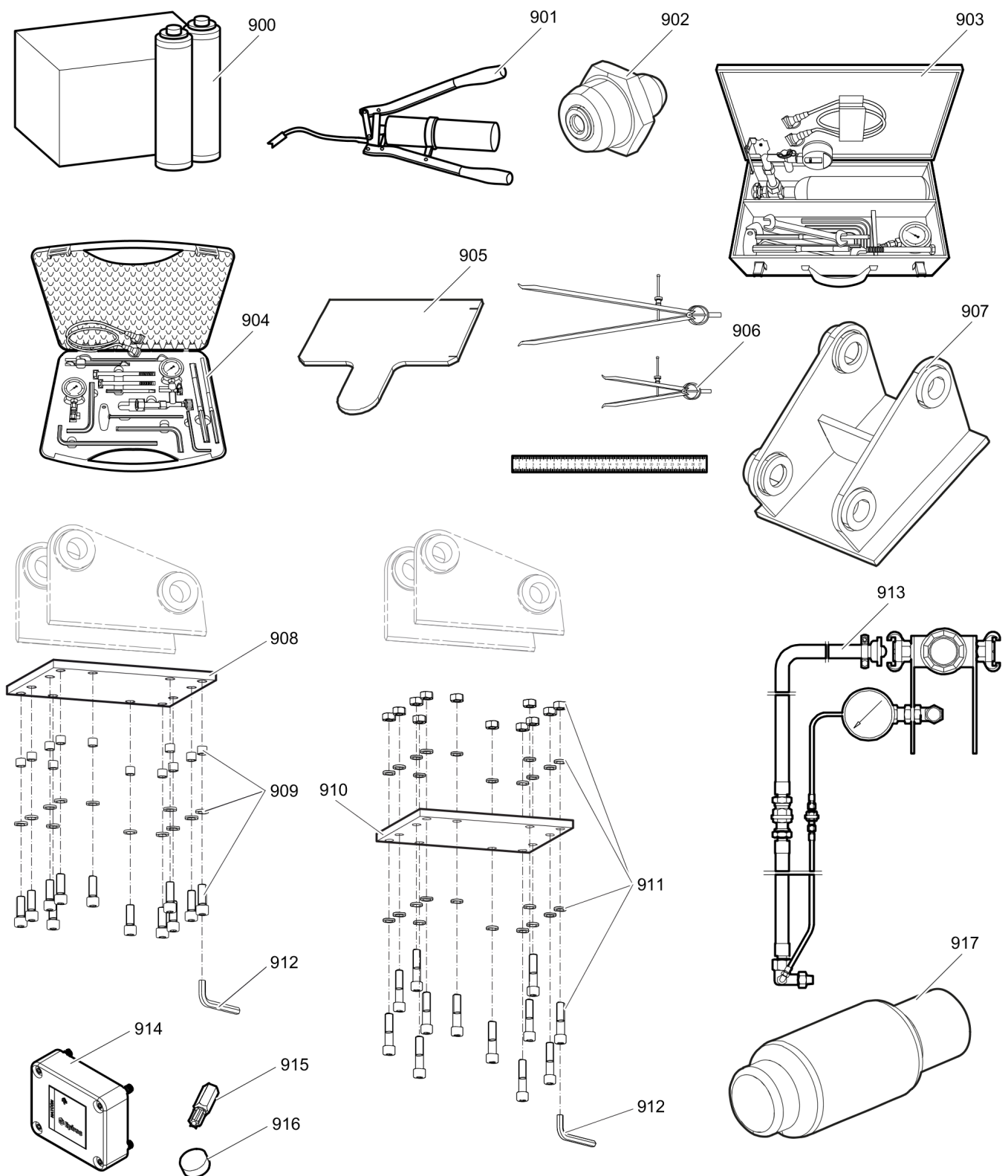
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Options / accessories Hydraulic hoses

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Item	Part No.	Name	Qty	L
-	3360992340	Hydraulic hose, I.D. 25 (1"), both ends M42 x 2 conical seal 24°, length 2300 mm (91 in.)	2	
-	3361853859	Hydraulic hose, I.D. 25 (1"), both ends M42 x 2 conical seal 24°, length 2800 mm (110 in.)	2	

Options / accessories Optional equipment



Item	Part No.	Name	Qty	L
900	3363122356	Bio chisel paste cartridge, 12 x 550 g (1.2 lbs)	1	
900	3363091200	Chisel paste cartridge, 12 x 500 g (1.1 lbs)	1	
901	3363034567	GREASE PUMP	1	
902	3360433774	Grease nipple	1	
903	3363089844	Maintenance and charging box with nitrogen cylinder, 2 l, 0.43 gal (0.53 US gal)	1	
904	3363094940	Maintenance and charging box without nitrogen cylinder	1	
905	3361852169	Test gauge lower wear bush	1	
906	3363094952	Inside callipers upper wear bush	1	
907		Adapter plate matching the carrier. Consult the authorized Customer Center/Dealer in your area.	1	
908	3363099799	Base plate with threaded inserts	1	
909	3363087303	Bolt kit	1	
910	3363100697	Base plate with through borings	1	
911	3363094575	Bolt kit	1	
912	3360209445	Allen key (22 mm)	1	
913	3363090531	Adapter kit for underwater applications	1	
914	3315442500	Retrofit kit HATCON	1	A
915	3315439105	Security bit HATCON	1	
916	3315439106	Magnet HATCON	1	
917	3363100075	Piston retainer	1	B

Comments for Page: Optional equipment

A | with item 915 and 916

Hydraulic breakers are factory equipped with threads for attaching Retrofit kit HATCON

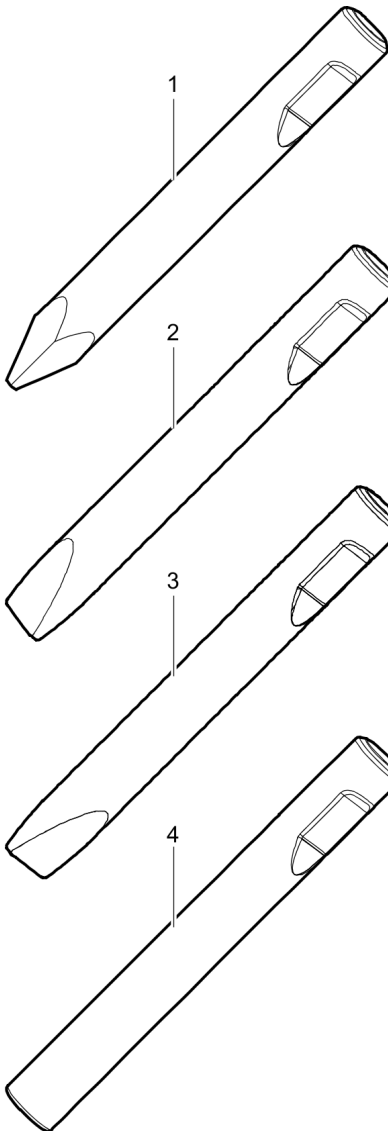
from s/n DEQ192318 - (MB 1500)

from s/n DEQ192323 - (MB 1500 DP)

from s/n DEQ192323 - (MB 1500 E)

B | Consult the authorized Customer Center/Dealer in your area.

Options / accessories ClassicLine

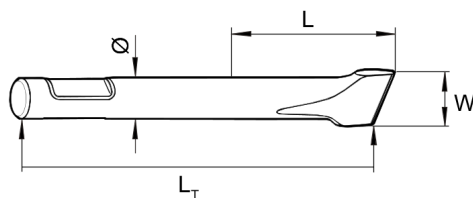


Ø=135 mm, L=635 mm, LT=1125 mm, Wt=111.0 kg
Ø=5.31 inch, L=25 inch, LT=44.29 inch, Wt=244.7 lb

Ø=135 mm, W=135 mm, L=635 mm, LT=1125 mm, Wt=115.0 kg
Ø=5.31 inch, W=5.31 inch, L=25 inch, LT=44.29 inch, Wt=253.5 lb

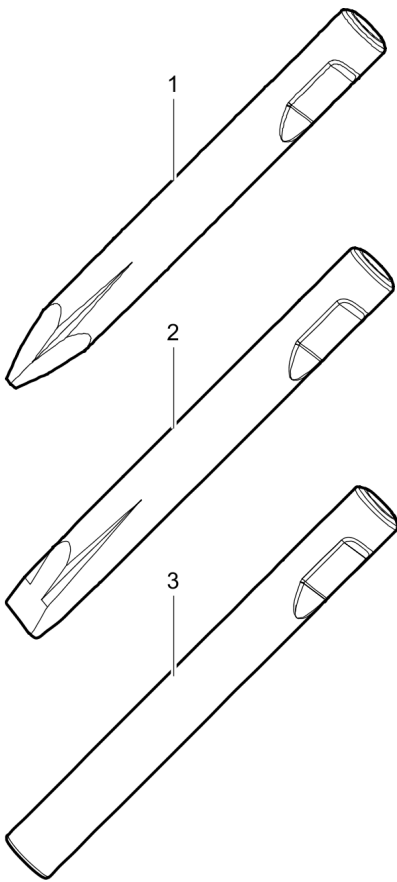
Ø=135 mm, W=135 mm, L=635 mm, LT=1125 mm, Wt=115.0 kg
Ø=5.31 inch, W=5.31 inch, L=25 inch, LT=44.29 inch, Wt=253.5 lb

Ø=135 mm, L=635 mm, LT=1125 mm, Wt=123.0 kg
Ø=5.31 inch, L=25 inch, LT=44.29 inch, Wt=271.2 lb



Item	Part No.	Name	Qty	L
1	3363119665	Moil point	1	
2	3363119666	Chisel (cross)	1	
3	3363119667	Chisel (parallel)	1	
4	3363119668	Blunt tool	1	

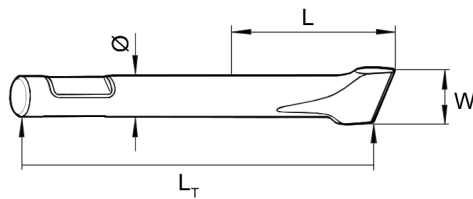
Options / accessories ProLine



Ø=135 mm, L=685 mm, LT=1175 mm, Wt=115.0 kg
Ø=5.31 inch, L=27 inch, LT=46.26 inch, Wt=253.5 lb

Ø=135 mm, W=135 mm, L=685 mm, LT=1175 mm, Wt=120.0 kg
Ø=5.31 inch, W=5.31 inch, L=27 inch, LT=46.26 inch, Wt=264.6 lb

Ø=135 mm, L=685 mm, LT=1175 mm, Wt=128.0 kg
Ø=5.31 inch, L=27 inch, LT=46.26 inch, Wt=282.2 lb



Item	Part No.	Name	Qty	L
1	3363118351	Moil point	1	
2	3363118354	Chisel (cross)	1	
3	3363104353	Blunt tool	1	

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