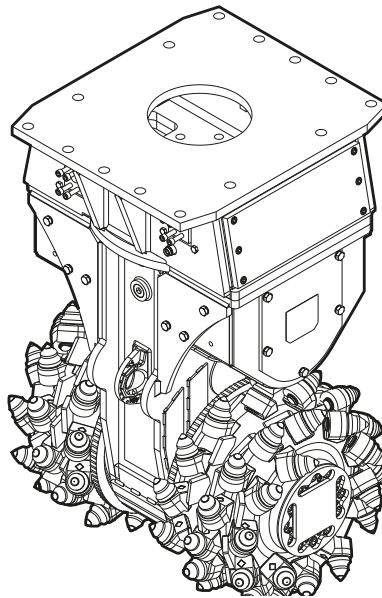


ER 4000

Spare parts list Transverse Drum Cutters

ER 4000 s/n DGR547145 -



General information

This spare parts list applies to the following:

Description
ER 4000 - 1
ER 4000 - 3

Use only authorized parts. Any damage or malfunction caused by the use of unauthorized parts is not covered by Warranty or Product Liability. Any unauthorized use or copying of the contents or any part thereof is prohibited. This applies in particular to trademarks, model denominations, part numbers, and drawings.

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.

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

Contents

Service, repair and wear part kits	4
Label kit	5
Mechanical	6
Transverse Drum Cutter, part 1	7
Transverse Drum Cutter, part 1 (with clamping sleeves)	11
Transverse Drum Cutter, part 2	15
Transverse Drum Cutter, part 2 (with clamping sleeves)	17
Transverse Drum Cutter, part 3 (metric)	19
Transverse Drum Cutter, part 3 (JIC)	21
HATCON	23
Tightening torques	25
Dimensions	26
Dimensions	27
Options / accessories	28
Picks and retainers	28
Tools for picks	29
Optional equipment	31

Service, repair and wear part kits

Label kit

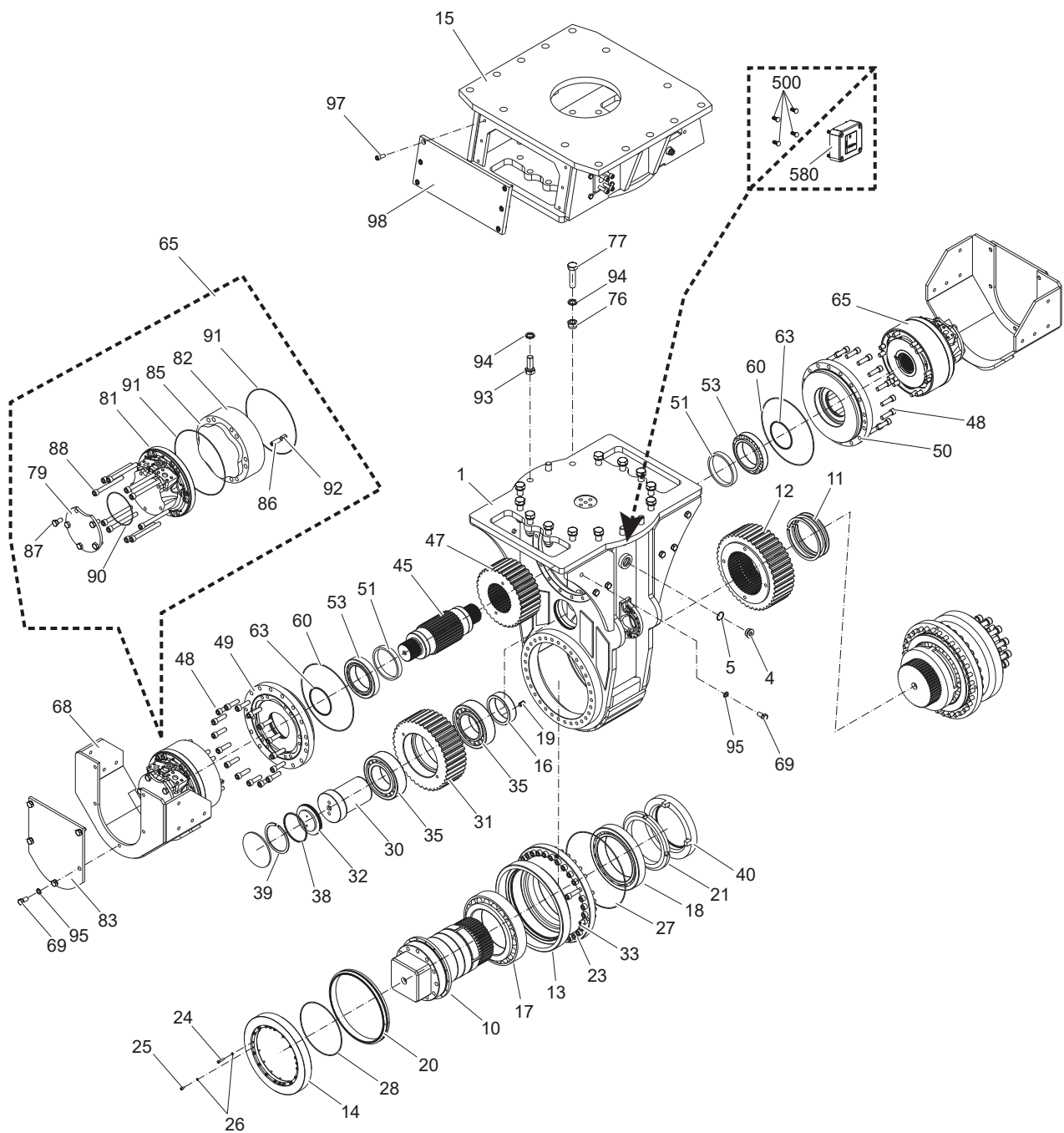
Item	Part No.	Name	Qty	L
KIT	3311006215	Label kit	1	

This exploded view diagram illustrates the assembly of a mechanical device, likely a pump or motor. The components are numbered 1 through 99. The diagram shows the following parts and their assembly relationships:

- Top Housing (15):** The main upper enclosure, secured with screws (97) and a cover plate (98).
- Internal Assembly (1):** The central mechanical unit, which includes a motor (10) and a pump head (13).
- Motor Components:**
 - Motor Housing (10):** The outer casing for the motor.
 - Motor Shaft (17):** The central shaft of the motor.
 - Motor Fan (13):** The cooling fan attached to the motor shaft.
 - Motor Mounting (14):** The base for the motor housing.
 - Motor Screws (18, 20, 21, 23, 24, 25, 26, 27, 28):** Various screws used to secure the motor components.
- Pump Head Components:**
 - Pump Head (13):** The main pumping component.
 - Pump Housing (17):** The outer casing for the pump head.
 - Pump Mounting (14):** The base for the pump housing.
 - Pump Screws (18, 20, 21, 23, 24, 25, 26, 27, 28):** Various screws used to secure the pump components.
- Seals and Gaskets:**
 - O-Rings (51, 53, 55, 57, 59, 61, 63, 65, 67, 69, 71, 73, 75, 77, 79, 81, 83, 85, 87, 89, 91, 93, 95, 97, 99):** Various sizes of O-rings used for sealing.
 - Gaskets (48, 49):** Flat seals used between components.
- Accessories:**
 - Motor Mounting Bracket (68):** A bracket used to mount the motor.
 - Motor Mounting Screws (69, 95):** Screws used to secure the motor mounting bracket.
 - Motor Mounting Plate (83):** A plate used to secure the motor mounting bracket.
 - Motor Mounting Screws (89, 91, 93, 95, 97, 99):** Various screws used to secure the motor mounting components.
- Assembly Instructions:**
 - Motor Mounting:** The motor is mounted to the motor mounting bracket (68) using motor mounting screws (69, 95) and a motor mounting plate (83).
 - Pump Head Mounting:** The pump head (13) is mounted to the pump housing (17) using pump screws (18, 20, 21, 23, 24, 25, 26, 27, 28).
 - Seal Installation:** O-rings (51, 53, 55, 57, 59, 61, 63, 65, 67, 69, 71, 73, 75, 77, 79, 81, 83, 85, 87, 89, 91, 93, 95, 97, 99) and gaskets (48, 49) are installed between components to ensure a tight seal.
 - Motor Housing Assembly:** The motor housing (10) is secured to the motor mounting bracket (68) using motor housing screws (18, 20, 21, 23, 24, 25, 26, 27, 28).
 - Top Housing Assembly:** The top housing (15) is secured to the pump housing (17) using top housing screws (97) and a cover plate (98).

Transverse Drum Cutter, part 1

Item	Part No.	Name	Qty	L
1	3311006123	Gear housing	1	
1	3311006719	Gear housing (arctic)	1	
4	3311000583	Plug	2	
5	3311000584	Seal	2	
10	3311006077	Output shaft	2	
11	3311000697	Lock ring	3	
12	3311006090	Output cogwheel	1	
13	3311006078	Housing (output shaft)	2	
14	3311001599	Sealing cover	2	
15	3311006198	Intermediate bracket	1	
15	3311006720	Intermediate bracket (arctic)	1	
16	3311006109	Distancering bolt	1	
17	3311000698	Tapered roller bearing	2	
18	3311000699	Tapered roller bearing	2	
19	3311000910	Spring pin	1	
20	3311000700	Seal	2	
21	3311000443	Shaft nut	2	
23	3311000682	Allen screw	64	
24	3311000704	Allen screw	32	
25	3311001068	Allen screw	8	
26	3311000592	Usit-ring	40	
27	3311000708	O-ring	2	
28	3311000709	O-ring	2	
30	3311006108	Bolt	1	
31	3311006089	Idle cogwheel	1	
32	3311006110	Cover	1	
33	3311003512	Threaded pin	8	
35	3311006137	Cylindrical roller bearing	2	
38	3311006138	Sealing ring	1	
39	3311006139	Retaining ring	2	
40	3311000448	Lock ring	2	
45	3311006107	Drive shaft	1	
47	3311006088	Drive cogwheel	1	
48	3311000682	Allen screw	32	
49	3311000395	Flange (motor)	1	
50	3311006135	Flange (motor)	1	
51	3311006134	Distancering bolt	2	
53	3311000689	Tapered roller bearing	2	
60	3311000691	O-ring	2	
63	3311000692	Seal	2	
63	3311003371	Seal (arctic)	2	
65	3311001204	Motor complete	2	A
65	3311001206	Motor complete	2	B



Transverse Drum Cutter, part 1

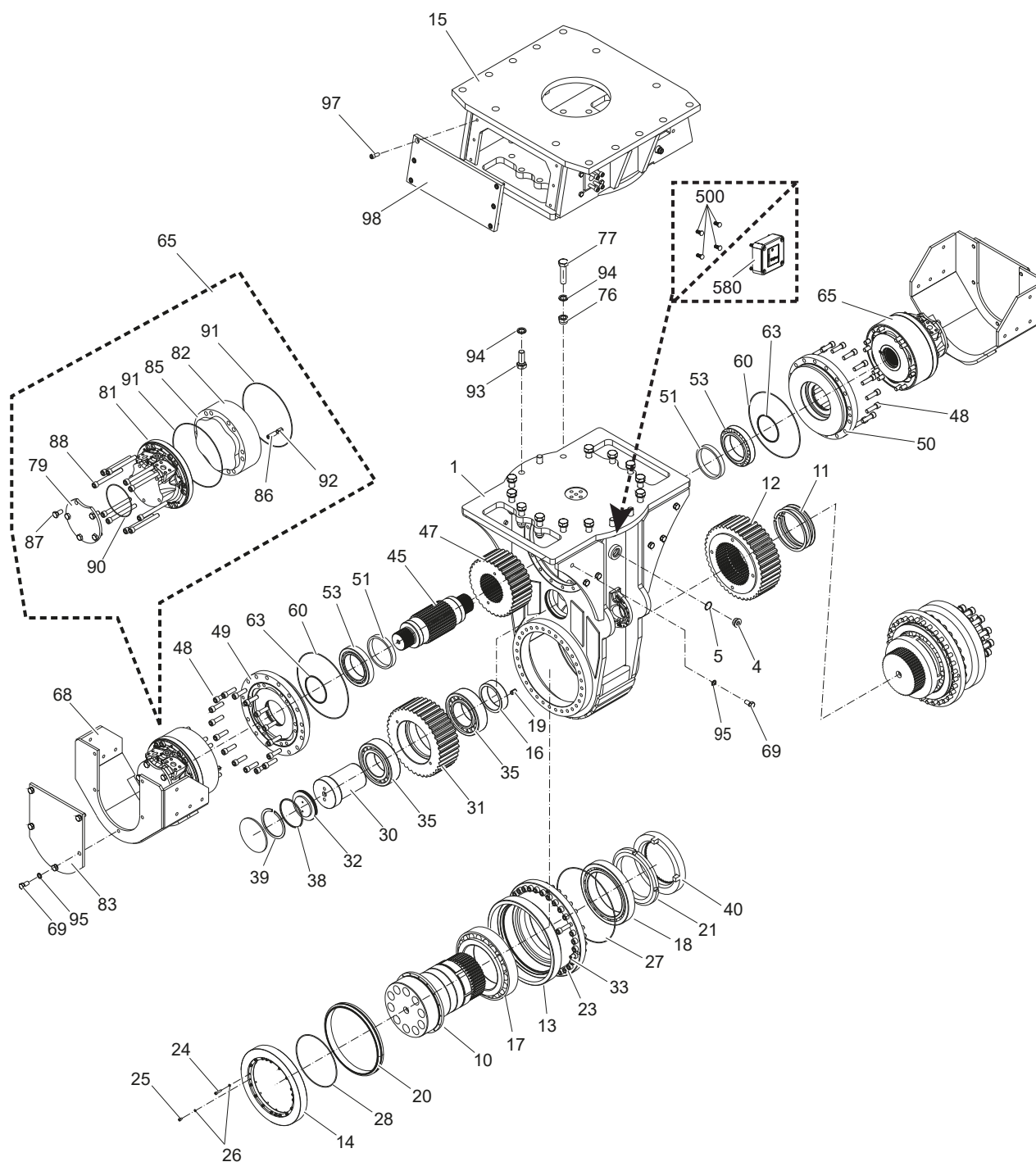
Item	Part No.	Name	Qty	L
68	3311006133	Cover (motor)	2	
69	3311000502	Hexagon head screw	5	
76	3311000508	Hex nut	12	
77	3311000577	Hexagonal screw	12	
79	3311000143	Cover (motor)	2	
81	3311001101	Distribution housing (motor)	2	
82	3311002963	Cam ring	2	A
82	3311000190	Cam ring	2	B
83	3311006136	Assembling cap	2	
85	3311002964	Cylinder block	2	
86	3311000203	Tension pin (motor)	4	
87	3311000502	Hexagon head screw	10	
88	3311000683	Allen screw	20	
90	3311000537	O-ring	2	
91	3311000687	O-ring	4	
92	3311000204	Fitting sleeve (motor)	4	
93	3311000503	Hexagon head screw	4	
94	3311000521	Pair of lock washers	16	
95	3311000532	Pair of lock washers	5	
97	3311000549	Allen screw	12	
98	3311006136	Assembling cap	2	
500	3315439145	PROTECTIVE PLUG HATCON	4	C
580		HATCON	1	D

A | ER 4000 - 1

B | ER 4000 - 3

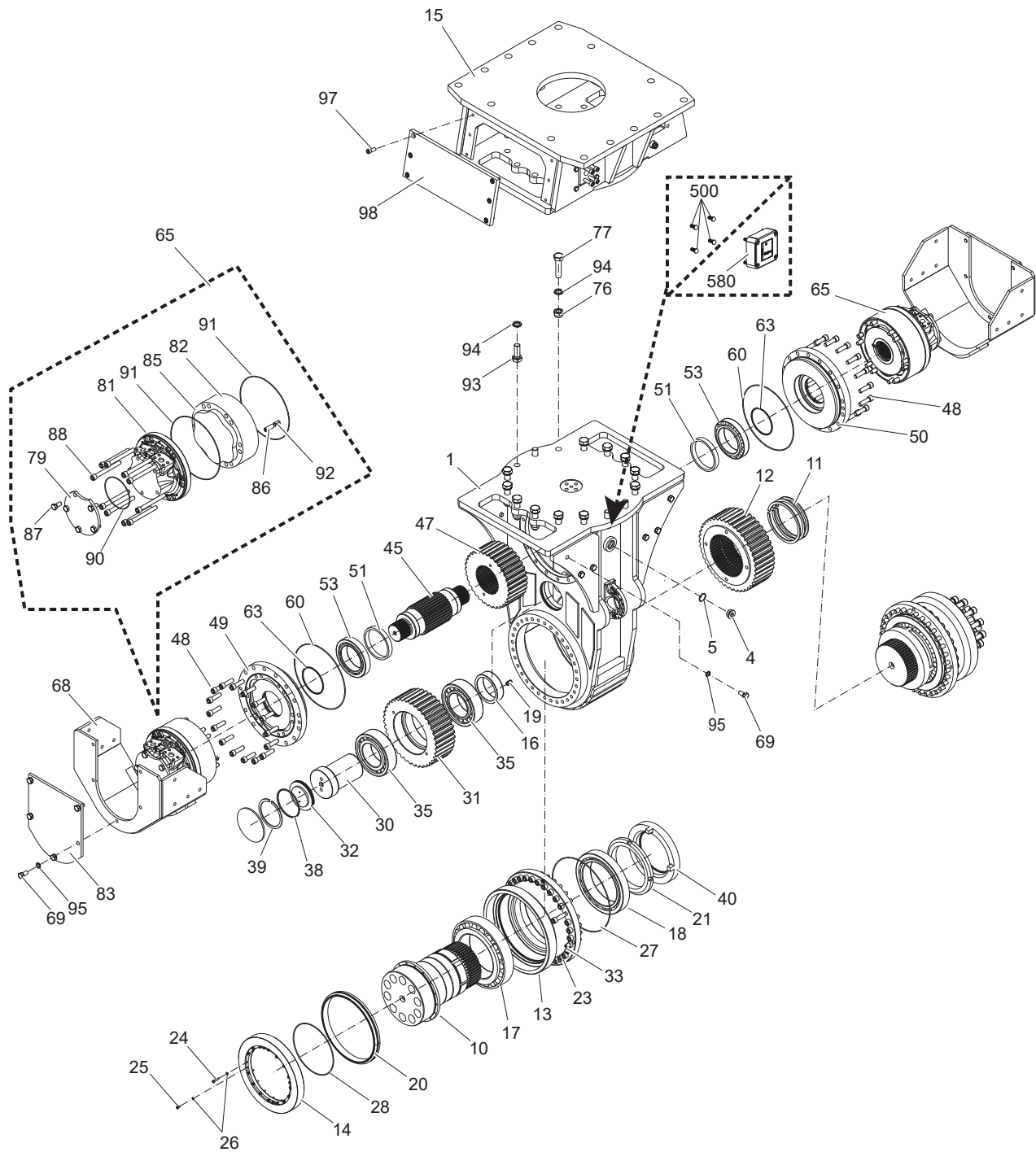
C | only for drum cutters without HATCON

D | only for drum cutters with HATCON / see separate chapter



Transverse Drum Cutter, part 1 (with clamping sleeves)

Item	Part No.	Name	Qty	L
1	3311006123	Gear housing	1	
1	3311006719	Gear housing (arctic)	1	
4	3311000583	Plug	2	
5	3311000584	Seal	2	
10	3311006559	Output shaft	2	
11	3311000697	Lock ring	3	
12	3311006090	Output cogwheel	1	
13	3311006078	Housing (output shaft)	2	
14	3311001599	Sealing cover	2	
15	3311006198	Intermediate bracket	1	
15	3311006720	Intermediate bracket (arctic)	1	
16	3311006109	Distancering bolt	1	
17	3311000698	Tapered roller bearing	2	
18	3311000699	Tapered roller bearing	2	
19	3311000910	Spring pin	1	
20	3311000700	Seal	2	
21	3311000443	Shaft nut	2	
23	3311000682	Allen screw	64	
24	3311000704	Allen screw	32	
25	3311001068	Allen screw	8	
26	3311000592	Usit-ring	40	
27	3311000708	O-ring	2	
28	3311000709	O-ring	2	
30	3311006108	Bolt	1	
31	3311006089	Idle cogwheel	1	
32	3311006110	Cover	1	
33	3311003512	Threaded pin	8	
35	3311006137	Cylindrical roller bearing	2	
38	3311006138	Sealing ring	1	
39	3311006139	Retaining ring	2	
40	3311000448	Lock ring	2	
45	3311006107	Drive shaft	1	
47	3311006088	Drive cogwheel	1	
48	3311000682	Allen screw	32	
49	3311000395	Flange (motor)	1	
50	3311006135	Flange (motor)	1	
51	3311006134	Distancering bolt	2	
53	3311000689	Tapered roller bearing	2	
60	3311000691	O-ring	2	
63	3311000692	Seal	2	
63	3311000692	Seal	2	
65	3311001204	Motor complete	2	A
65	3311001206	Motor complete	2	B



Transverse Drum Cutter, part 1 (with clamping sleeves)

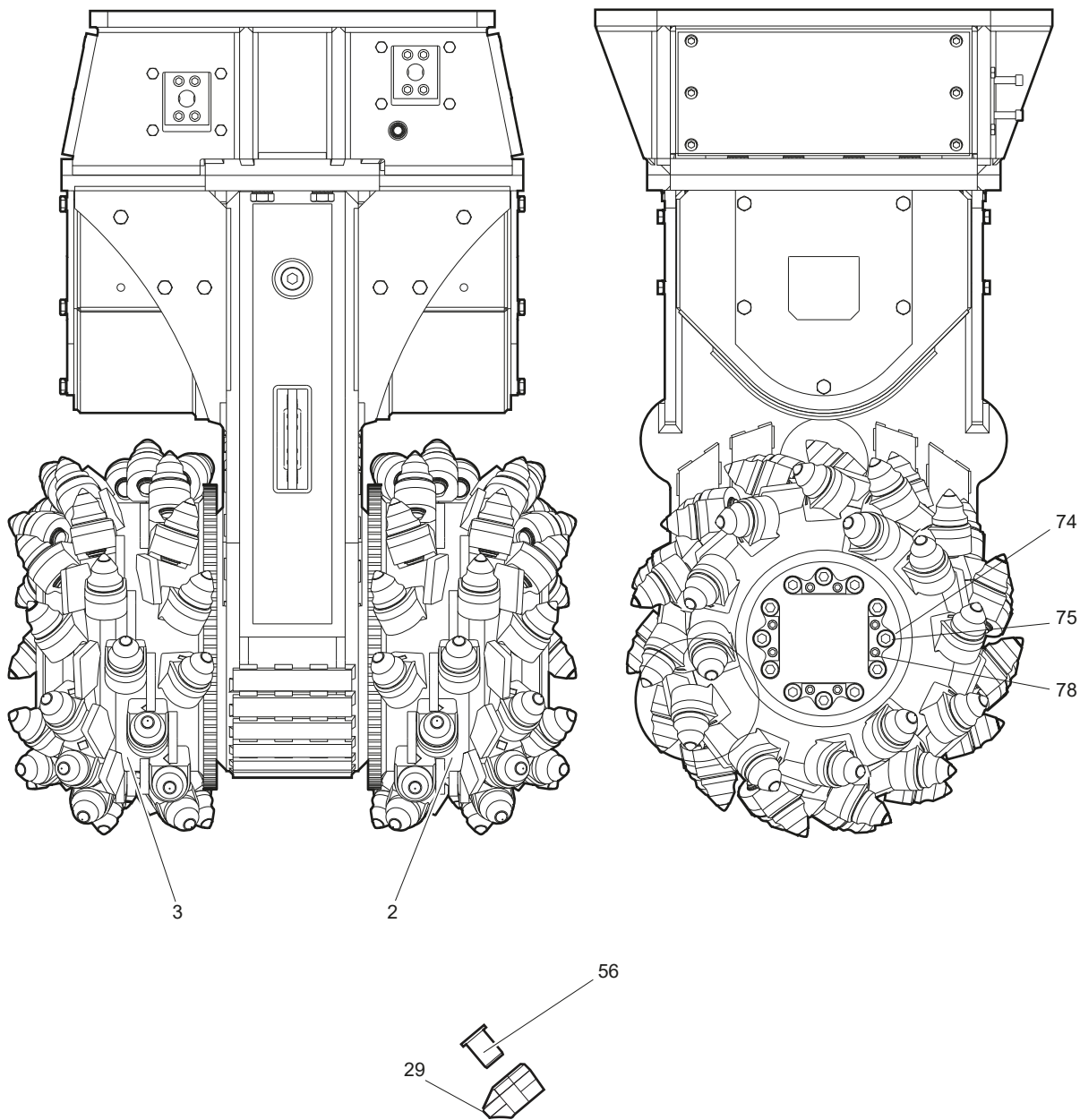
Item	Part No.	Name	Qty	L
68	3311006133	Cover (motor)	2	
69	3311000502	Hexagon head screw	5	
76	3311000508	Hex nut	12	
77	3311000577	Hexagonal screw	12	
79	3311000143	Cover (motor)	2	
81	3311001101	Distribution housing (motor)	2	
82	3311002963	Cam ring	2	A
82	3311000190	Cam ring	2	B
83	3311006136	Assembling cap	2	
85	3311002964	Cylinder block	2	
86	3311000203	Tension pin (motor)	4	
87	3311000502	Hexagon head screw	10	
88	3311000683	Allen screw	20	
90	3311000537	O-ring	2	
91	3311000687	O-ring	4	
92	3311000204	Fitting sleeve (motor)	4	
93	3311000503	Hexagon head screw	4	
94	3311000521	Pair of lock washers	16	
95	3311000532	Pair of lock washers	5	
97	3311000549	Allen screw	12	
98	3311006136	Assembling cap	2	
500	3315439145	PROTECTIVE PLUG HATCON	4	C
580		HATCON	1	D

A | ER 4000 - 1

B | ER 4000 - 3

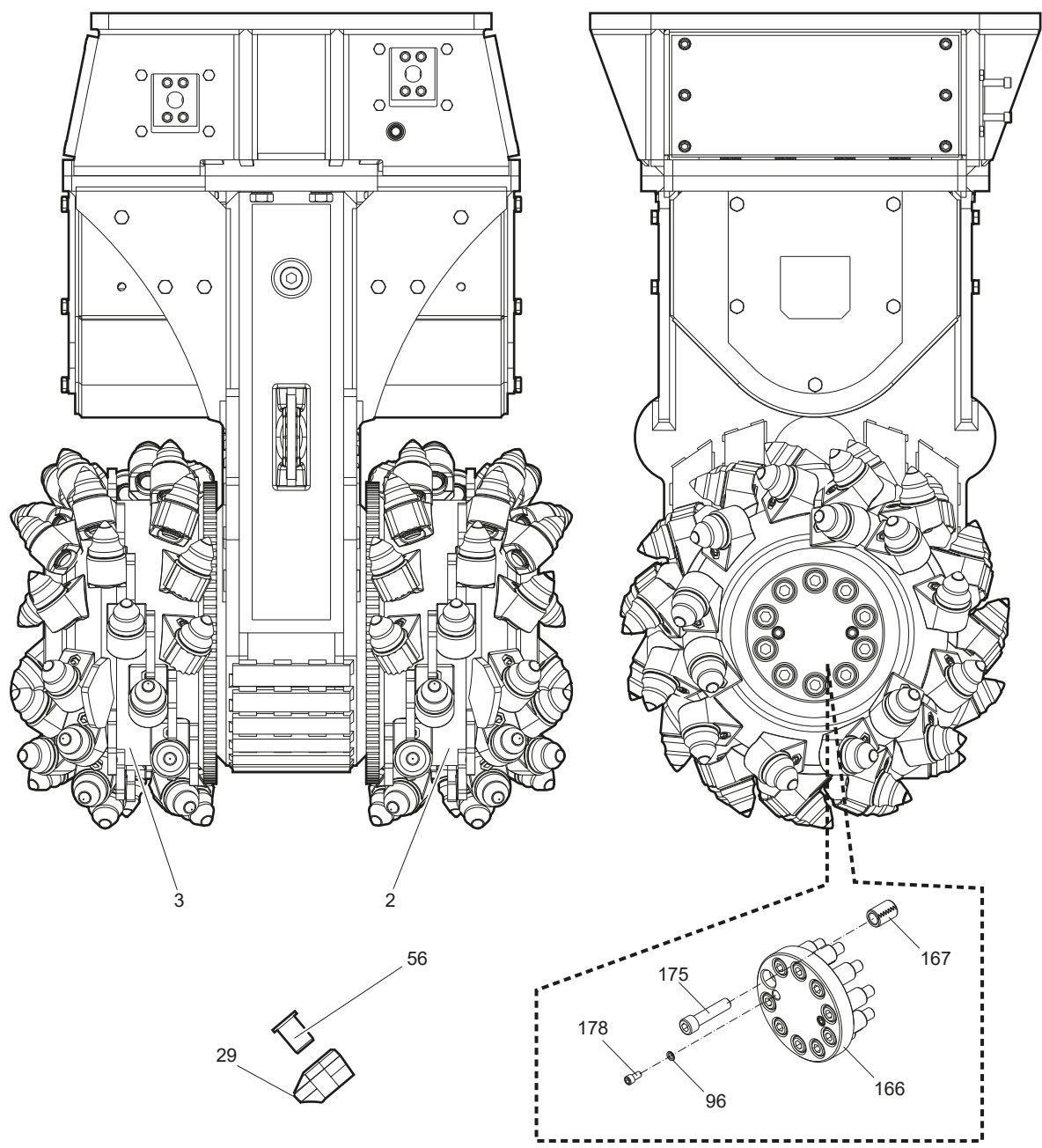
C | only for drum cutters without HATCON

D | only for drum cutters with HATCON / see separate chapter



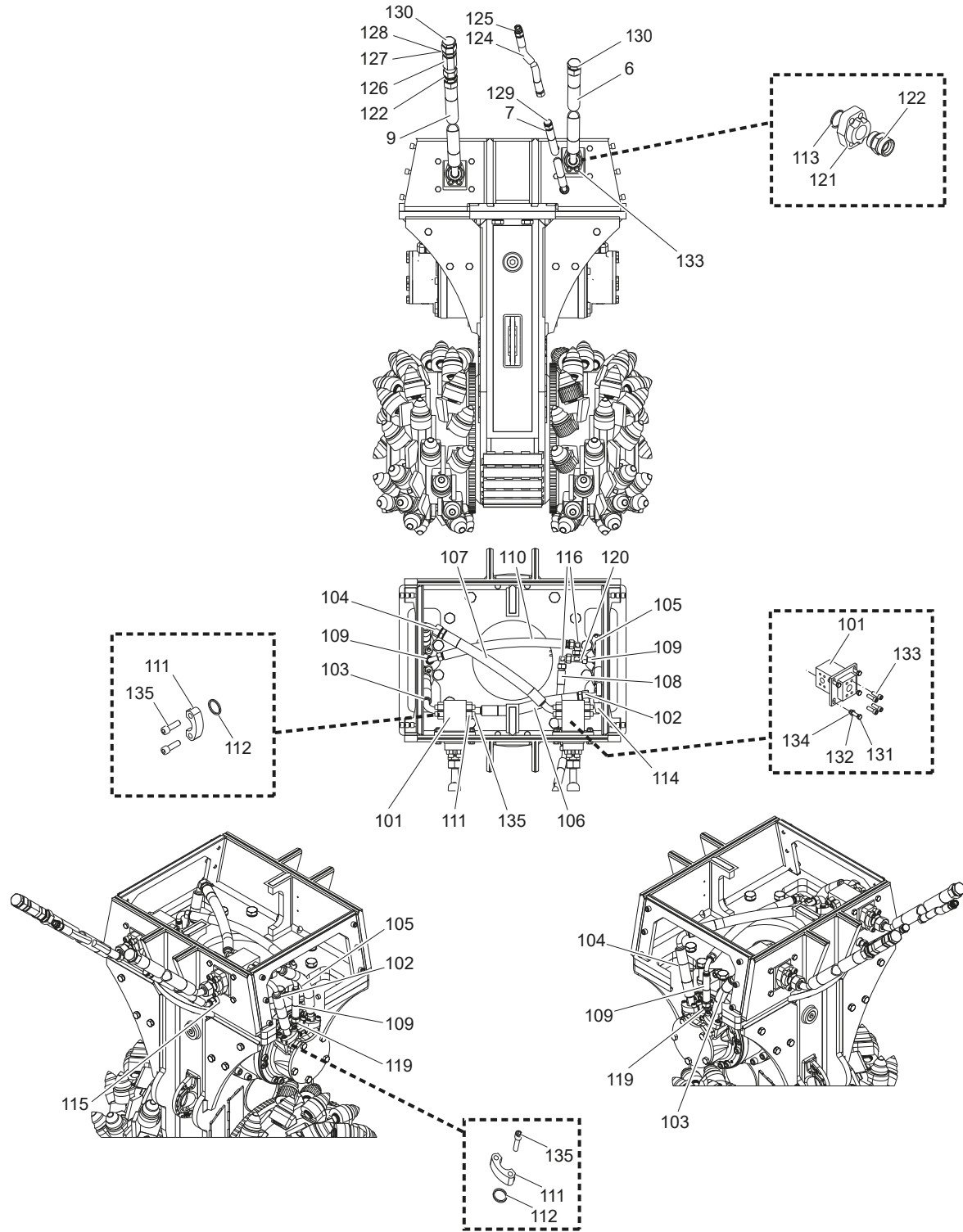
Transverse Drum Cutter, part 2

Item	Part No.	Name	Qty	L
2	3311006670	Cutter drum (left)	1	
3	3311006668	Cutter drum (right/motor)	1	
29	3311006051	Pick box	78	
56	3311002264	Wear sleeve	78	
74	3311000534	Pair of lock washers	24	
75	3311000677	Allen screw	24	
78	3311000578	Threaded pin	16	



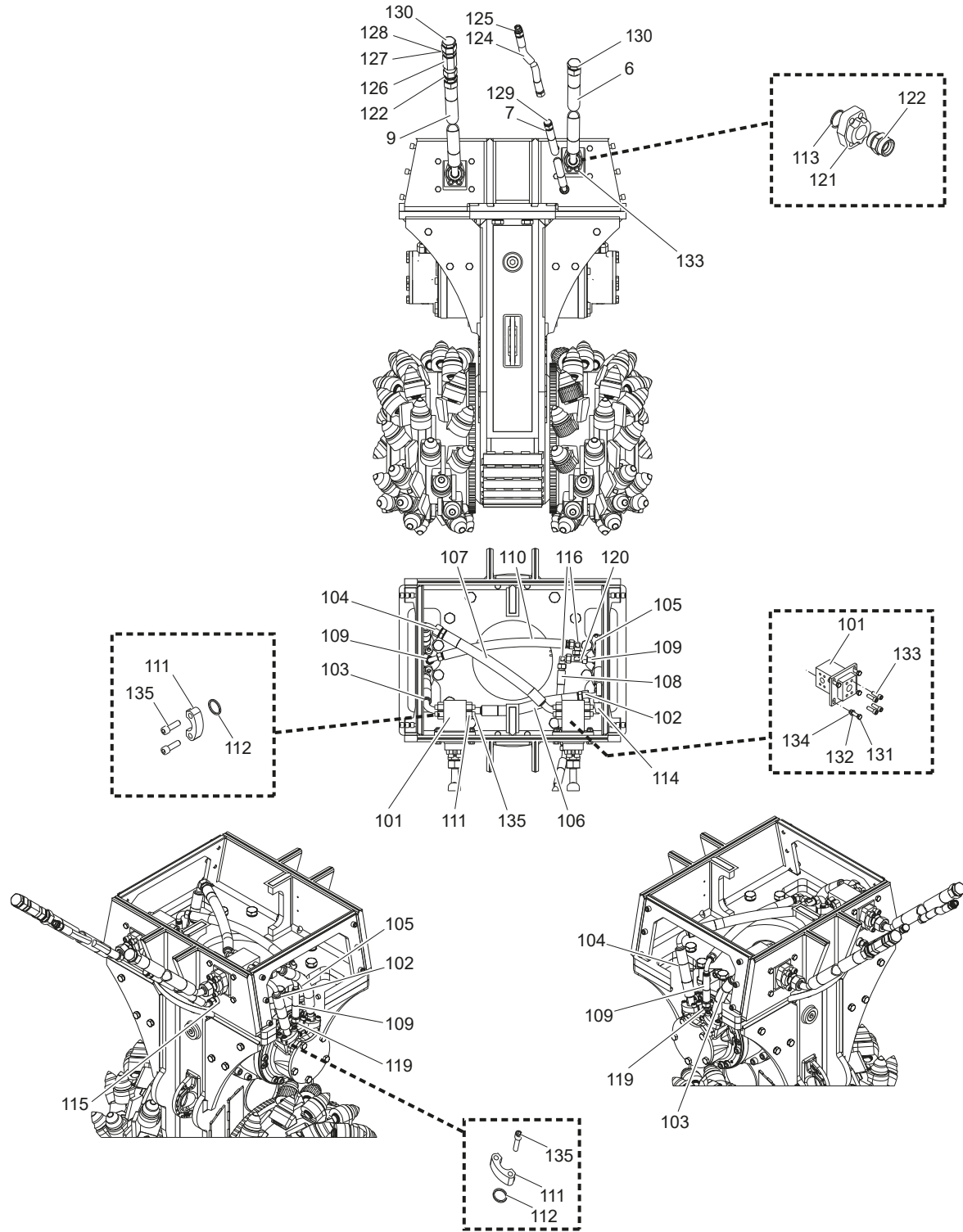
Transverse Drum Cutter, part 2 (with clamping sleeves)

Item	Part No.	Name	Qty	L
2	3311006562	Cutter drum (left)	1	
3	3311006561	Cutter drum (right/motor)	1	
29	3311006051	Pick box	78	
56	3311002264	Bushing for pick holder	78	
166	3311006472	Cover plate	2	
167	3311006473	Spring pin	20	
96	3311000533	Pair of lock washers	4	
175	3311006560	Socket head bolt	20	
178	3311000551	Socket head bolt	4	



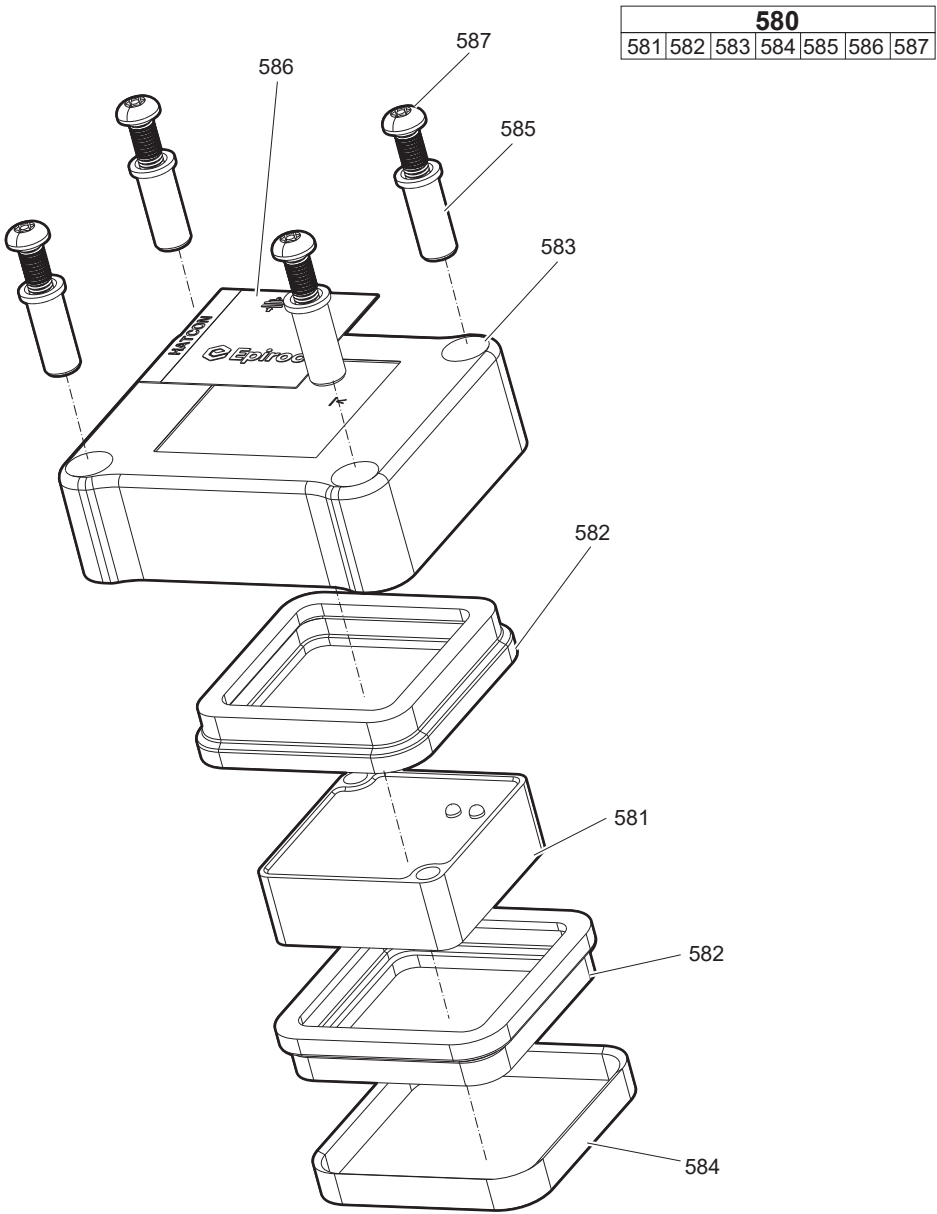
Transverse Drum Cutter, part 3 (metric)

Item	Part No.	Name	Qty	L
KIT	3311006447	Hose kit metric, 2.5 m (Standard)	1	
6	3311001102	Hydraulic hose feed	1	
7	3311000244	Hydraulic hose	1	
9	3311001102	Hydraulic hose feed	1	
101	3311001103	Hydraulic block	2	
102	3311006433	Hydraulic hose	1	
103	3311006436	Hydraulic hose	1	
104	3311006437	Hydraulic hose	1	
105	3311006438	Hydraulic hose	1	
106	3311006439	Hydraulic hose	1	
107	3311006440	Hydraulic hose	1	
108	3311006441	Hydraulic hose	1	
109	3311006442	Hydraulic hose	2	
110	3311006443	Hydraulic hose	1	
111	3311000170	Flange	16	
112	3311000556	O-ring	8	
113	3311001099	O-ring	2	
114	3311001105	Adapter	1	
115	3311001106	Fitting	1	
116	3311002962	Fitting	2	
119	3311000099	Fitting	2	
120	3311004957	Fitting	1	
121	3311001108	Fitting	2	
122	3311001088	Fitting	3	
124	3311000120	Fitting	1	
125	3311001582	Hydraulic hose	1	
126	3311000242	Check valve	1	
127	3311001085	Fitting	1	
129	3311000119	Blanking nut	1	
130	3311002738	Blanking nut	2	
131	3311001132	Hexagon head screw	8	
132	3311001137	Disk	8	
133	3311000545	Allen screw	8	
134	3311000667	Lock nut	8	
135	3311000536	Allen screw	32	



Transverse Drum Cutter, part 3 (JIC)

Item	Part No.	Name	Qty	L
KIT	3311006696	Hose kit JIC, 2.5 m (Optional)	1	
6	3311002236	Hydraulic hose feed	1	
7	3311003659	Hydraulic hose	1	
9	3311002236	Hydraulic hose feed	1	
101	3311001103	Hydraulic block	2	
102	3311006433	Hydraulic hose	1	
103	3311006436	Hydraulic hose	1	
104	3311006437	Hydraulic hose	1	
105	3311006438	Hydraulic hose	1	
106	3311006439	Hydraulic hose	1	
107	3311006440	Hydraulic hose	1	
108	3311006441	Hydraulic hose	1	
109	3311006442	Hydraulic hose	2	
110	3311006443	Hydraulic hose	1	
111	3311000170	Flange	16	
112	3311000556	O-ring	8	
113	3311001099	O-ring	2	
114	3311001105	Adapter	1	
115	3311001106	Fitting	1	
116	3311002962	Fitting	2	
119	3311000099	Fitting	2	
120	3311004957	Fitting	1	
121	3311001108	Fitting	2	
122	3311002246	Fitting	2	
124	3311002211	Fitting	2	
125	3311002209	Hydraulic hose	2	
126	3311000242	Check valve	1	
127	3311002246	Fitting	2	
128	3311002250	Fitting	1	
129	3311002747	Blanking nut	2	
130	3311002243	Blanking nut	4	
131	3311001132	Hexagon head screw	8	
132	3311001137	Disk	8	
133	3311000545	Allen screw	8	
134	3311000667	Lock nut	8	
135	3311000536	Allen screw	32	



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	

A | part number see chapter “Optional equipment”

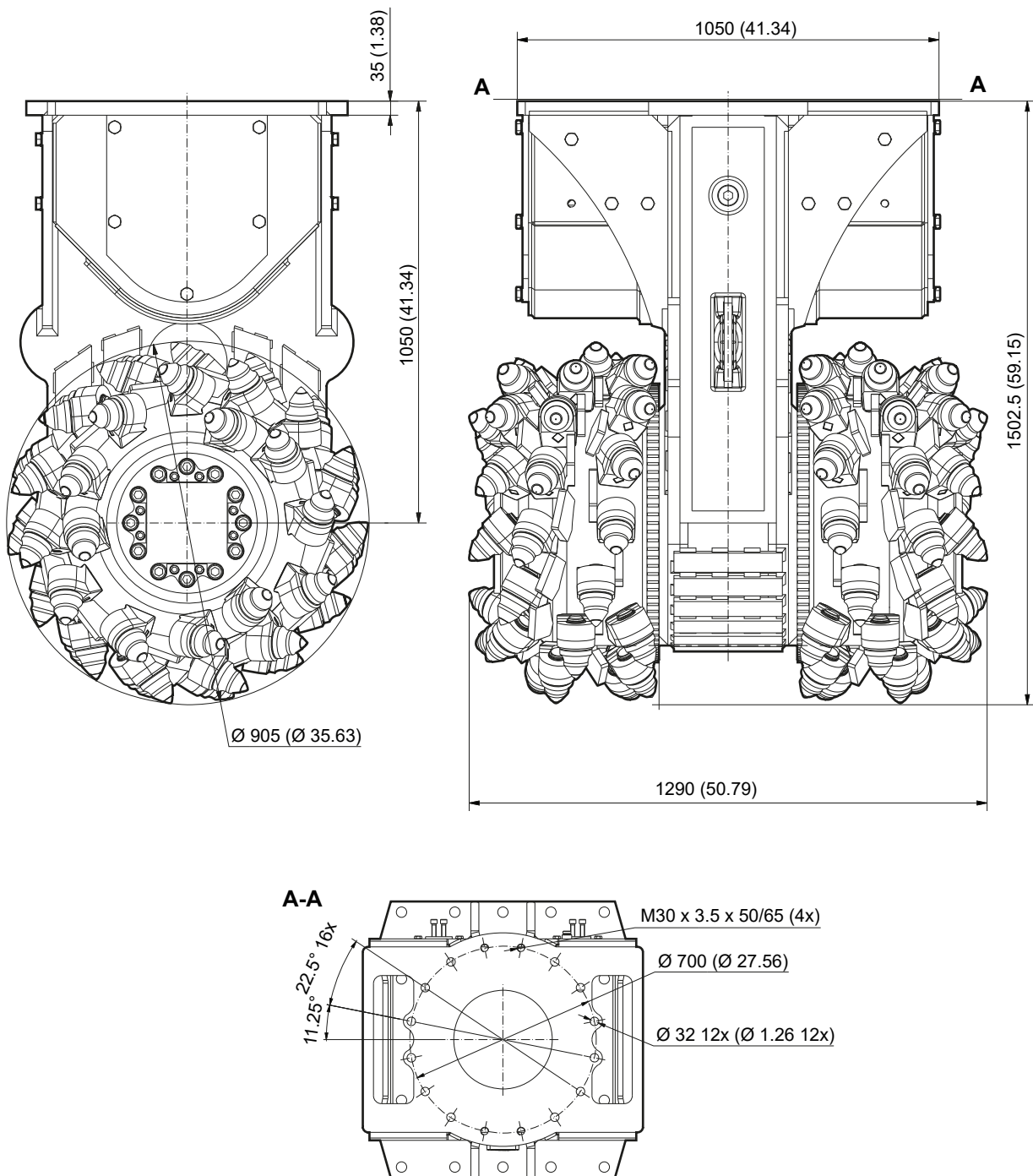
Tightening torques

Item	Part No.	Name	Qty	L
75		Allen screw - 950 Nm (700 ft lbf)	-	A
175		Allen screw - 2000 Nm (1475 ft lbf)		B
587		SCREW HATCON - 22 Nm (16 ft lbf)	-	C

A | Open-ended wrench size 46
B | Allen key size 22
C | Security bit HATCON

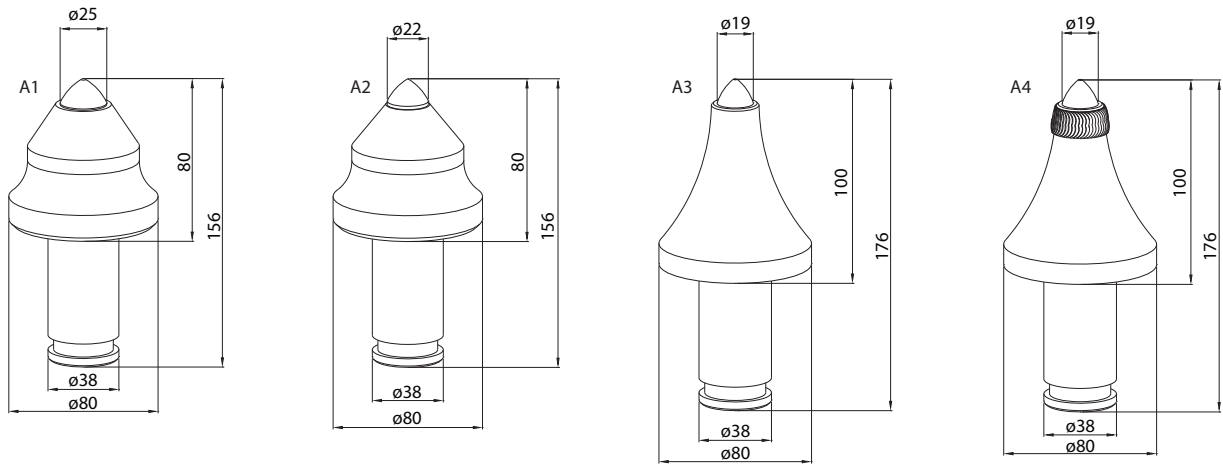


Dimensions



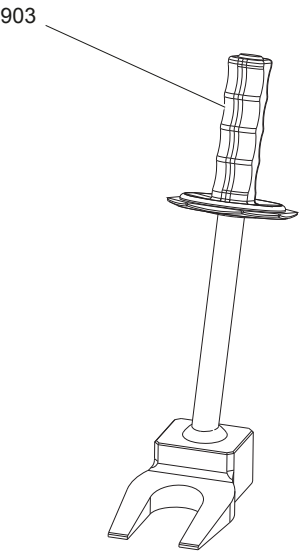
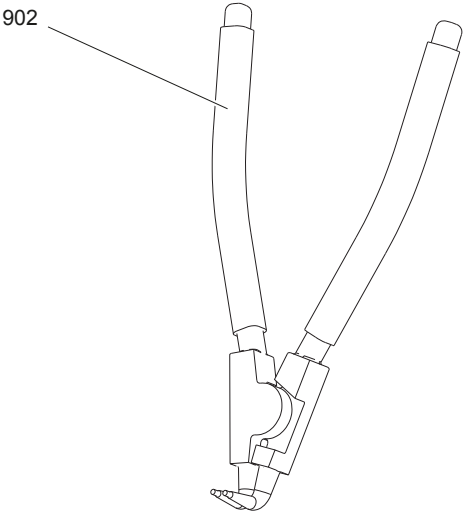
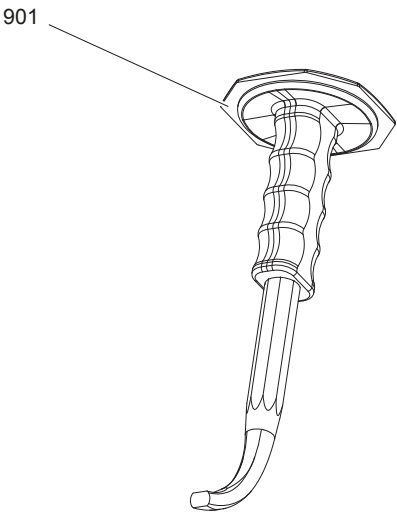
Options / accessories

Picks and retainers

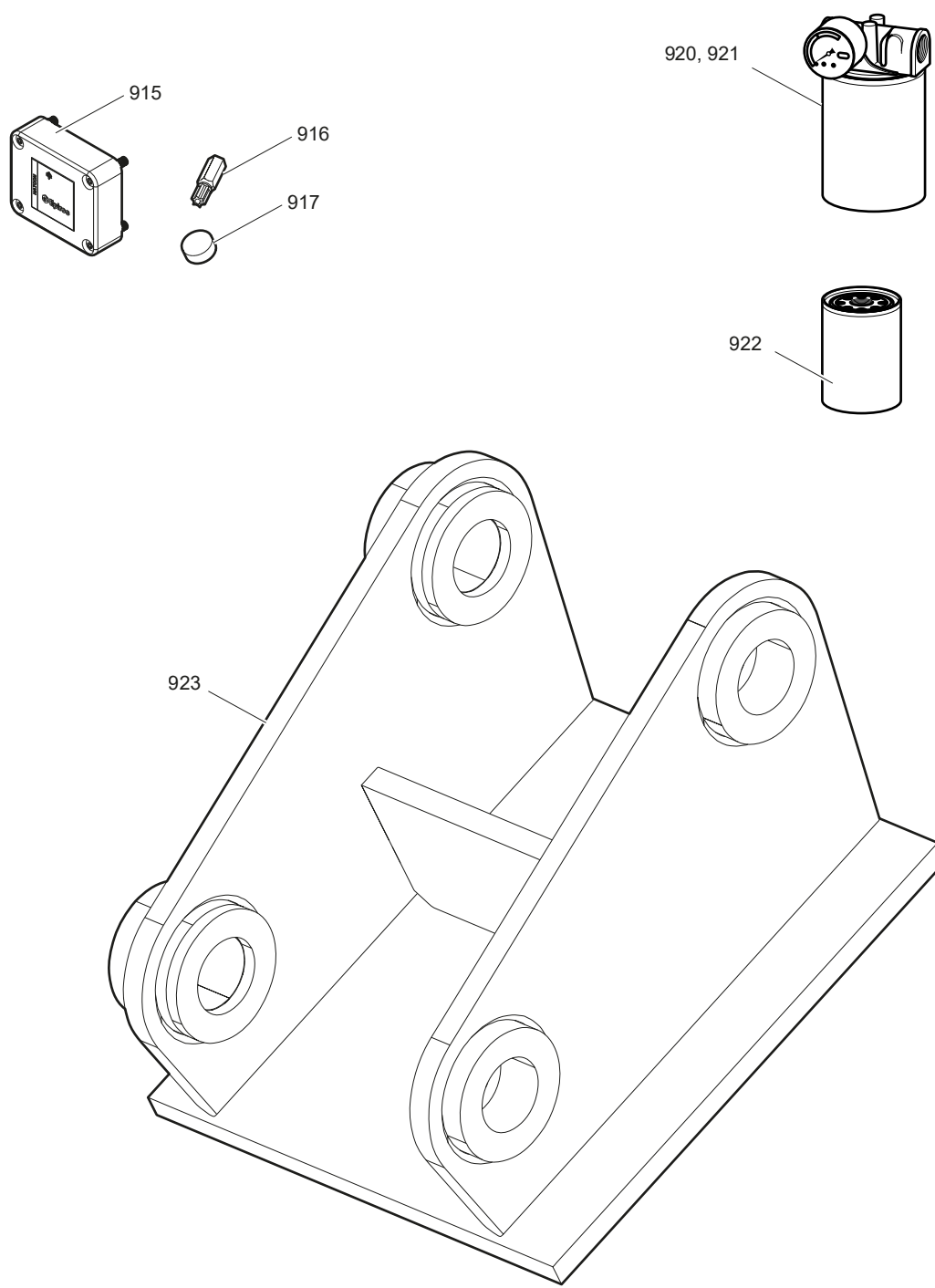


Item	Part No.	Name	Qty	L
1	3311004590	Picks and retainers kit	1	
A1		ER25/80/80/38S	6	
B	3311000979	Circlip	12	
2	3311004591	Picks and retainers kit	1	
A2		ER22/80/80/38S	8	
B	3311000979	Circlip	16	
3	3311004592	Picks and retainers kit	1	
A3		ER19/100/80/38S	6	
B	3311000979	Circlip	12	
4	3311004593	Picks and retainers kit	1	
A4		ER19/100/80/38PS	6	
B	3311000979	Circlip	12	

Tools for picks



Item	Part No.	Name	Qty	L
901	3311000989	Knock out tool	1	
902	3311002872	Knock out tool for stuck picks	1	
903	3311002194	Pliers	1	



Optional equipment

Item	Part No.	Name	Qty	L
915	3315442520	HATCON KIT 1 (LTE)	1	A
916	3315439105	SECURITY BIT HATCON	1	
917	3315439106	MAGNET HATCON	1	
920	3311003111	Hydraulic filter set for leakage oil, metric	1	
921	3311003195	Hydraulic filter set for leakage oil, JIC	1	
922	3311003087	Filter cartridge for leakage oil, metric and JIC	1	
923		ADAPTER PLATE matching the carrier. Consult the authorized Customer Center/Dealer in your area.	1	
-	3311005536	WATER SPRAY KIT	1	

A | with item 916 and 917

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