

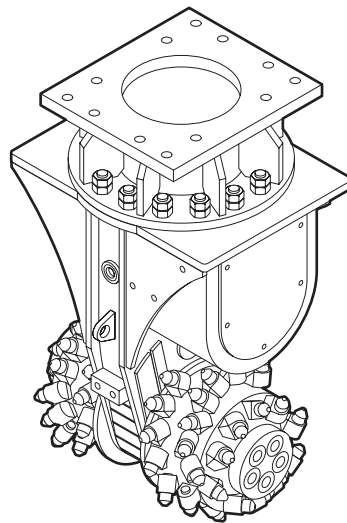
# ER 1700

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## Spare parts list

### Transverse Drum Cutters

ER 1700 s/n DGR174274 -



# General information

This spare parts list applies to the following:

## Description

ER 1700 - 1  
ER 1700 - 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!

**Service, repair and wear part kits**

|                 |   |
|-----------------|---|
| Label kit ..... | 1 |
|-----------------|---|

**Mechanical**

|                                      |    |
|--------------------------------------|----|
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**Options / accessories**

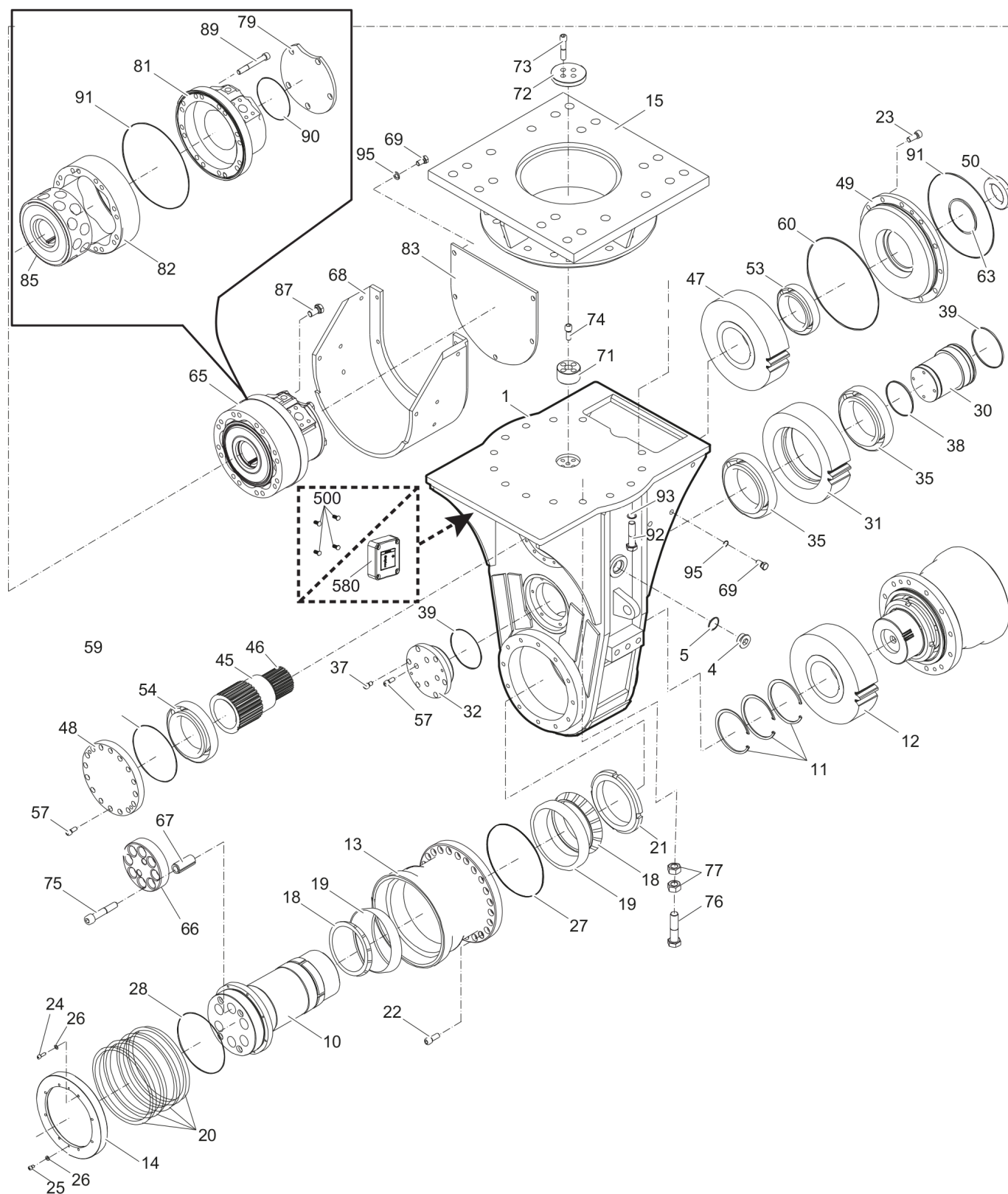
|                                |    |
|--------------------------------|----|
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Service, repair and wear part kits Label kit

NO EXPLODED VIEW  
AVAILABLE  
FOR THIS BOM

| Item | Part No.   | Name      | Qty | L |
|------|------------|-----------|-----|---|
| KIT  | 3311004675 | Label kit | 1   |   |

## Mechanical Transverse Drum Cutter, part 1



| Item | Part No.   | Name                                | Qty | L |
|------|------------|-------------------------------------|-----|---|
| 1    | 3311002689 | Gear housing                        | 1   |   |
| 4    | 3311000583 | Plug                                | 2   |   |
| 5    | 3311000584 | Seal                                | 2   |   |
| 10   | 3311002534 | Output shaft                        | 2   |   |
| 11   | 3311000585 | Lock ring                           | 3   |   |
| 12   | 3311000324 | Output cogwheel                     | 1   |   |
| 13   | 3311002335 | Housing (output shaft)              | 2   |   |
| 14   | 3311000326 | Sealing cover                       | 2   |   |
| 15   | 3311002690 | Rotatable upper part                | 1   |   |
| 18   | 3311000586 | Inner race (tapered roller bearing) | 4   |   |
| 19   | 3311000588 | Outer race (tapered roller bearing) | 4   |   |
| 20   | 3311000589 | Seal                                | 2   |   |
| 21   | 3311004173 | Shaft nut                           | 2   |   |
| 22   | 3311002498 | Allen screw                         | 48  |   |
| 23   | 3311000548 | Allen screw                         | 12  |   |
| 24   | 3311000628 | Allen screw                         | 16  |   |
| 25   | 3311000591 | Allen screw                         | 8   |   |
| 26   | 3311000592 | Usit-ring                           | 24  |   |
| 27   | 3311000593 | O-ring                              | 2   |   |
| 28   | 3311000594 | O-ring                              | 2   |   |
| 30   | 3311000330 | Bolt                                | 1   |   |
| 31   | 3311000331 | Idle cogwheel                       | 1   |   |
| 32   | 3311000332 | Cover                               | 1   |   |
| 35   | 3311000595 | Cylindrical roller bearing          | 2   |   |
| 37   | 3311000541 | Allen screw                         | 6   |   |
| 38   | 3311000596 | O-ring                              | 1   |   |
| 39   | 3311000688 | O-ring                              | 2   |   |
| 45   | 3311000333 | Drive shaft                         | 1   |   |
| 46   | 3311000334 | Drive shaft                         | 1   |   |
| 47   | 3311000335 | Spur gear                           | 1   |   |
| 48   | 3311000336 | Cover                               | 1   |   |
| 49   | 3311001649 | Flange (motor)                      | 1   |   |
| 50   | 3311003188 | Ring                                | 1   |   |
| 53   | 3311000598 | Tapered roller bearing              | 1   |   |
| 54   | 3311000599 | Tapered roller bearing              | 1   |   |
| 57   | 3311000582 | Allen screw                         | 20  |   |
| 59   | 3311000600 | O-ring                              | 1   |   |

| Item | Part No.   | Name                         | Qty | L |
|------|------------|------------------------------|-----|---|
| 60   | 3311000616 | O-ring                       | 1   |   |
| 63   | 3311000601 | Seal                         | 1   |   |
| 65   | 3311004195 | Motor complete, ER1700-1     | 1   |   |
| 65   | 3311004196 | Motor complete, ER1700-3     | 1   |   |
| 66   | 3311002938 | Cover                        | 2   |   |
| 67   | 3311001960 | Clamping sleeve              | 16  |   |
| 68   | 3311000340 | Cover (motor)                | 1   |   |
| 69   | 3311000524 | Hexagon head screw           | 11  |   |
| 71   | 3311000341 | Centering pin                | 1   |   |
| 72   | 3311000342 | Plate (centering pin)        | 1   |   |
| 73   | 3311001065 | Allen screw                  | 4   |   |
| 74   | 3311002937 | Allen screw                  | 1   |   |
| 75   | 3311001961 | Allen screw                  | 16  |   |
| 76   | 3311001235 | Hexagon head screw           | 10  |   |
| 77   | 3311001130 | Hexagonal nut                | 10  |   |
| 79   | 3311003184 | Cover (motor)                | 1   |   |
| 81   | 3311003185 | Distribution housing (motor) | 1   |   |
| 82   | 3311003182 | Cam ring, ER 1700-1          | 1   |   |
| 82   | 3311003187 | Cam ring, ER1700-3           | 1   |   |
| 83   | 3311000339 | Cover                        | 1   |   |
| 85   | 3311003181 | Cylinder block               | 1   |   |
| 87   | 3311000524 | Hexagon head screw           | 8   |   |
| 89   | 3311000580 | Allen screw                  | 16  |   |
| 90   | 3311003186 | O-ring                       | 1   |   |
| 91   | 3311003183 | O-ring                       | 2   |   |
| 92   | 3311003752 | Hex head screw               | 4   |   |
| 93   | 3311000534 | Pair of lock washers         | 4   |   |
| 95   | 3311000533 | Pair of lock washers         | 11  |   |
| 500  | 3315439145 | PROTECTIVE PLUG HATCON       | 4   | A |
| 580  |            | HATCON                       | 1   | B |

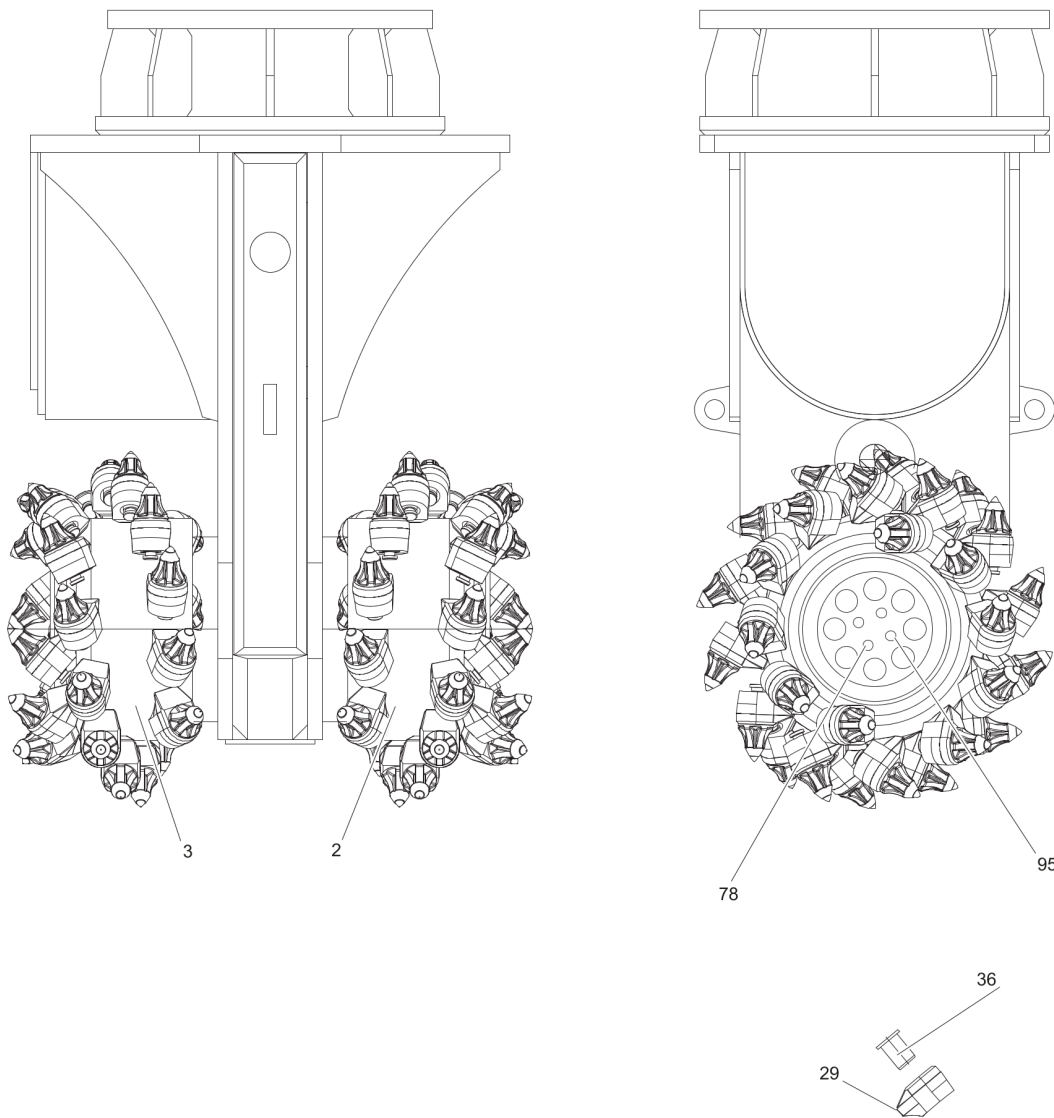
Comments for Page: Transverse Drum Cutter, part 1

A | only for drum cutters without HATCON

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

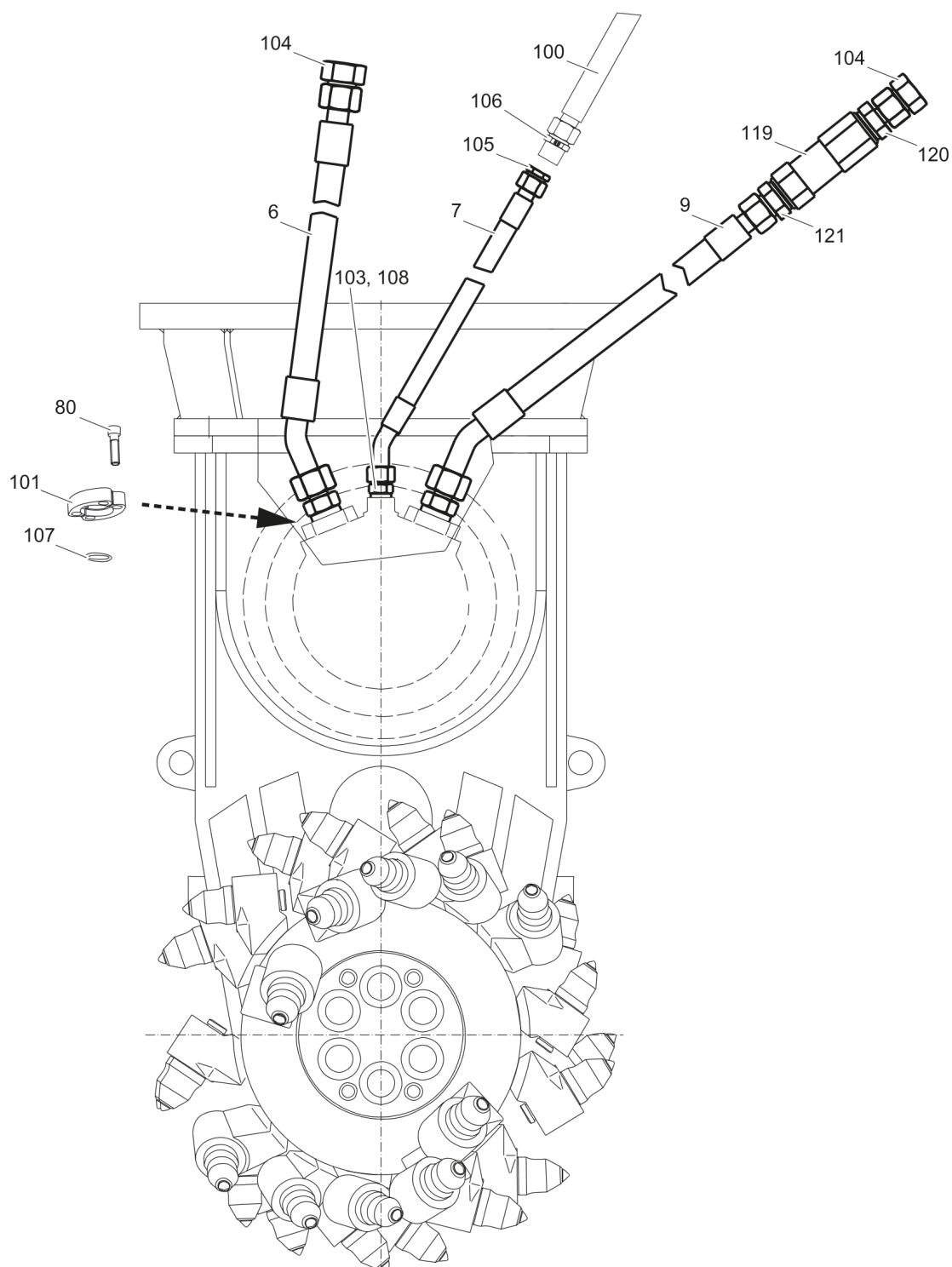
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Mechanical Transverse Drum Cutter, part 2



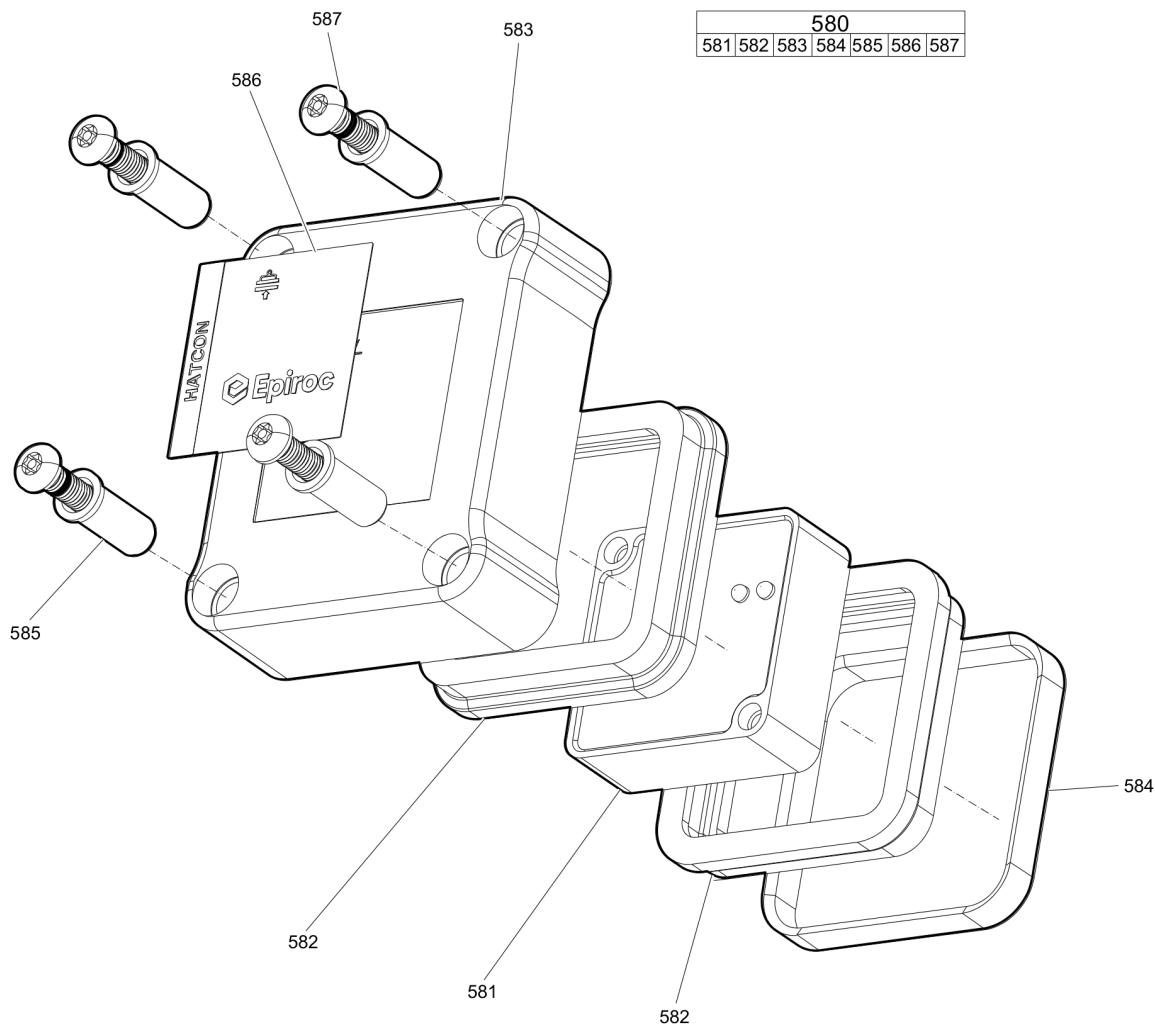
| Item | Part No.   | Name                      | Qty | L |
|------|------------|---------------------------|-----|---|
| 2    | 3311003071 | Cutter drum (left)        | 1   |   |
| 3    | 3311003072 | Cutter drum (right/motor) | 1   |   |
| 29   | 3311000792 | Pick box                  | 56  |   |
| 36   | 3311000801 | Wear sleeve               | 56  |   |
| 78   | 3311000551 | Allen screw               | 4   |   |
| 95   | 3311000533 | Pair of lock washers      | 4   |   |

## Mechanical Transverse Drum Cutter, part 3



| Item | Part No.   | Name                               | Qty | L |
|------|------------|------------------------------------|-----|---|
| KIT  | 3311003708 | Hose kit, metric, 2.5 m (Standard) | 1   |   |
| 6    | 3311003094 | Hydraulic hose                     | 1   |   |
| 7    | 3311000244 | Hydraulic hose                     | 1   |   |
| 9    | 3311003094 | Hydraulic hose                     | 1   |   |
| 80   | 3311000670 | Allen screw                        | 8   |   |
| 100  | 3311001582 | Hydraulic hose                     | 1   |   |
| 101  | 3311002588 | Flange                             | 4   |   |
| 103  | 3311002585 | Fitting                            | 1   |   |
| 104  | 3311000118 | Plug                               | 2   |   |
| 105  | 3311000119 | Plug                               | 1   |   |
| 106  | 3311000120 | Fitting                            | 1   |   |
| 107  | 3311000556 | O-ring                             | 2   |   |
| 108  | 3311001087 | Fitting                            | 1   |   |
| 119  | 3311002965 | Check valve                        | 1   |   |
| 120  | 3311000085 | Fitting                            | 1   |   |
| 121  | 3311000086 | Fitting                            | 1   |   |
| KIT  | 3311004132 | Hose kit, JIC, 2.5 m (Optional)    | 1   |   |
| 6    | 3311004131 | Hydraulic hose                     | 1   |   |
| 7    | 3311002208 | Hydraulic hose                     | 1   |   |
| 9    | 3311004131 | Hydraulic hose                     | 1   |   |
| 80   | 3311000670 | Allen screw                        | 8   |   |
| 100  | 3311002209 | Hydraulic hose                     | 1   |   |
| 101  | 3311002588 | Flange                             | 4   |   |
| 103  | 3311003791 | Fitting                            | 1   |   |
| 104  | 3311002745 | Plug                               | 2   |   |
| 105  | 3311002747 | Plug                               | 1   |   |
| 106  | 3311002211 | Fitting                            | 1   |   |
| 107  | 3311000556 | O-ring                             | 2   |   |
| 119  | 3311002965 | Check valve                        | 1   |   |
| 120  | 3311002744 | Fitting                            | 1   |   |
| 121  | 3311003016 | Fitting                            | 1   |   |

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 Tightening torques

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| Item | Part No. | Name                                     | Qty | L |
|------|----------|------------------------------------------|-----|---|
| 75   | -        | Allen screw - 560 Nm (413 ft lbf)        | -   | A |
| 76   | -        | Hexagon head screw - 415 Nm (306 ft lbf) | -   | B |
| 587  | -        | SCREW HATCON - 22 Nm (16 ft lbf)         | -   | C |

Comments for Page: Tightening torques

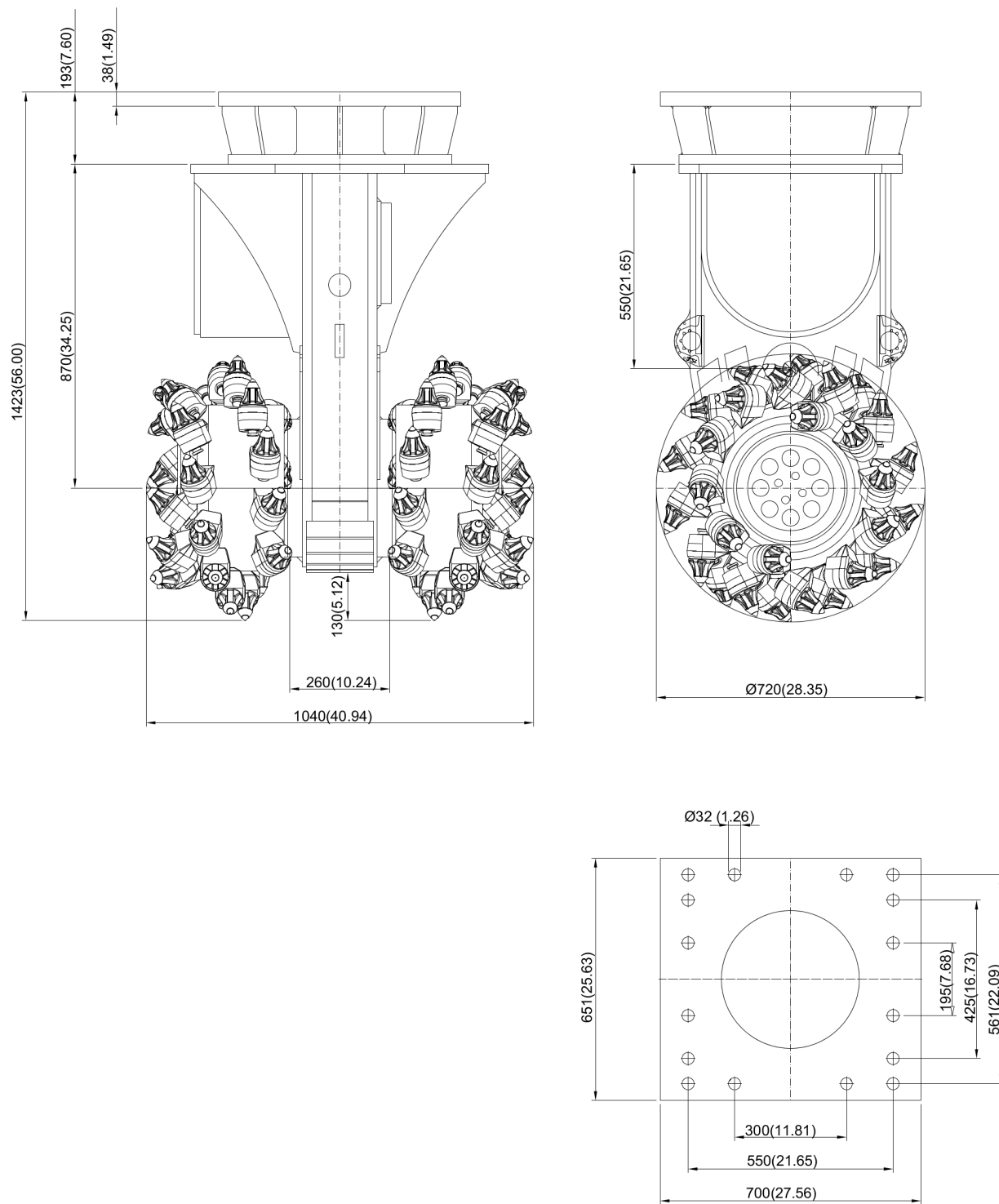
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A | Allen key size 19

B | Open-ended wrench size 36

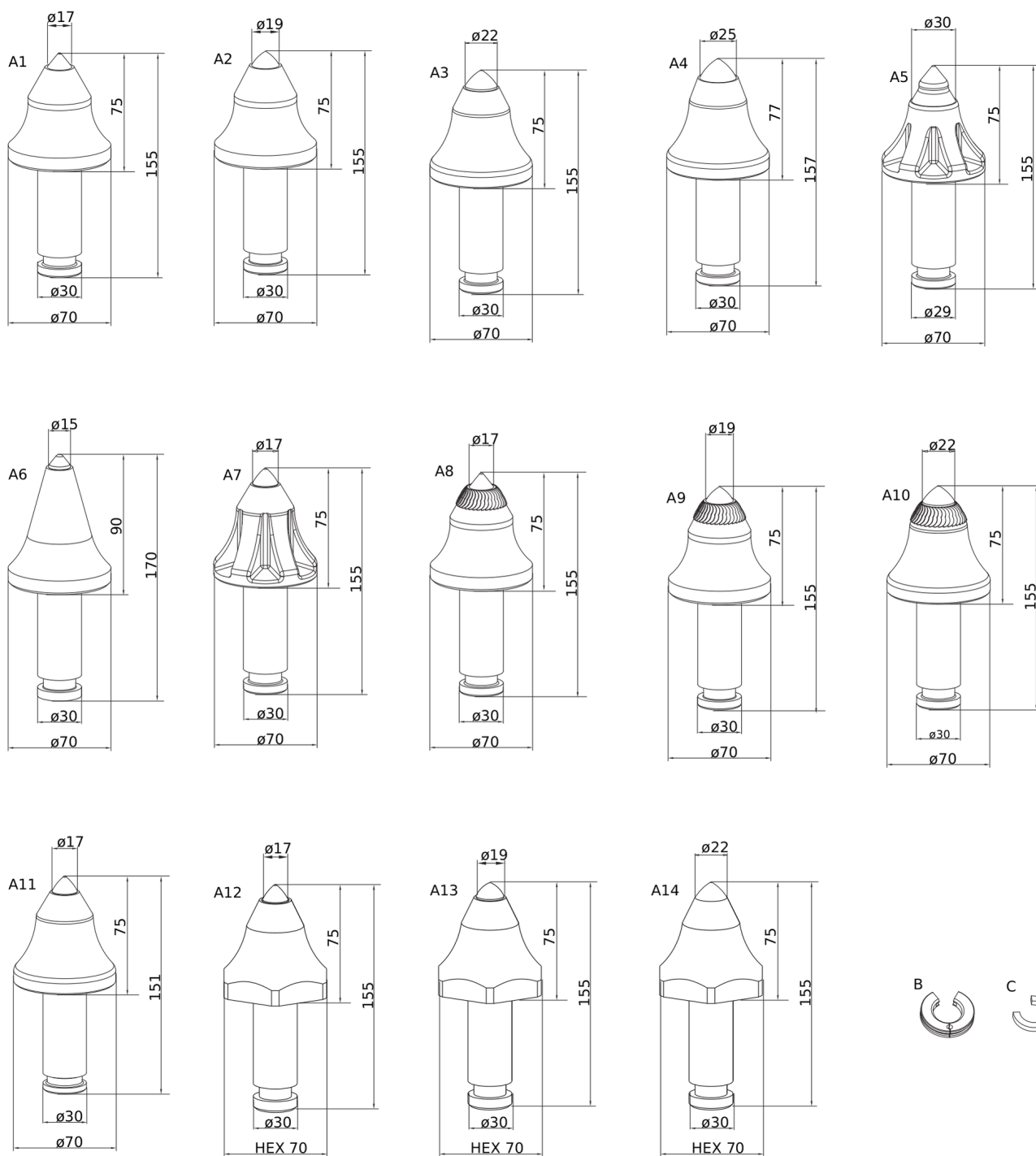
C | Security bit HATCON

## Mechanical Dimensions



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## Options / accessories Picks and retainers kits

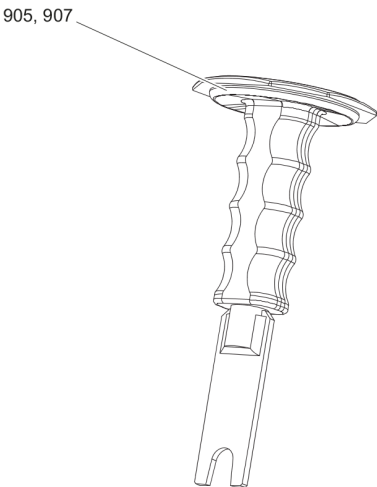
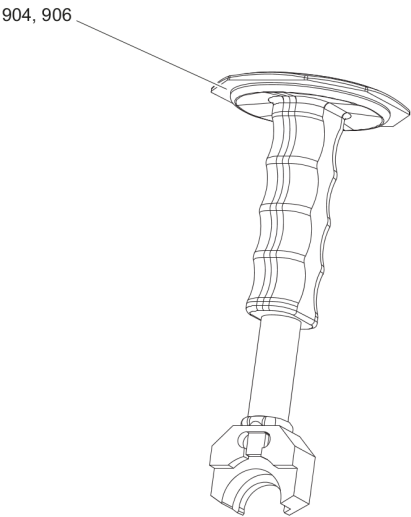
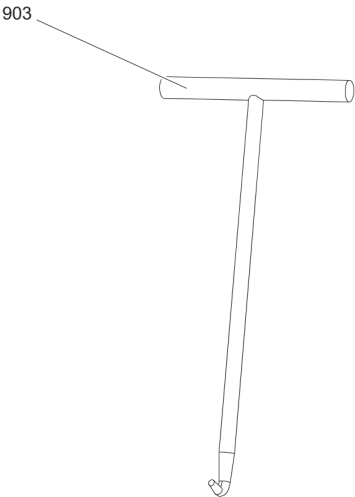
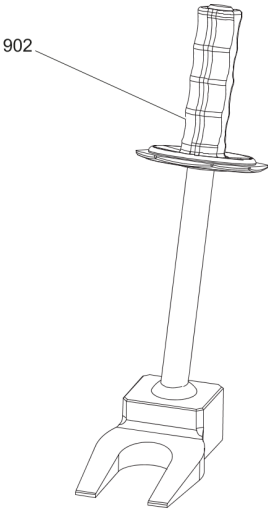
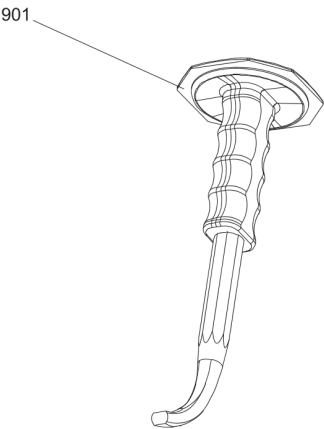


| Item | Part No.   | Name                    | Qty | L |
|------|------------|-------------------------|-----|---|
| 1    | 3311006195 | Picks and retainers kit | 1   |   |
| A1   |            | HexPick 17/30           | 10  |   |
| B    | 3311000978 | Quick snap              | 10  |   |
| 2    | 3311006298 | Picks and retainers kit | 1   |   |
| A1   |            | HexPick 17/30           | 10  |   |
| C    | 3311002869 | Retainer clip           | 10  |   |
| 3    | 3311006196 | Picks and retainers kit | 1   |   |
| A2   |            | HexPick 19/30           | 10  |   |
| B    | 3311000978 | Quick snap              | 10  |   |
| 4    | 3311006299 | Picks and retainers kit | 1   |   |
| A2   |            | HexPick 19/30           | 10  |   |
| C    | 3311002869 | Retainer clip           | 10  |   |
| 5    | 3311006351 | Picks and retainers kit | 10  |   |
| A3   |            | HexPick 22/30           | 10  |   |
| B    | 3311000978 | Quick snap              | 10  |   |
| 6    | 3311006698 | Picks and retainers kit | 1   |   |
| A3   |            | HexPick 22/30           | 10  |   |
| C    | 3311002869 | Retainer clip           | 10  |   |
| 7    | 3311004575 | Picks and retainers kit | 1   |   |
| A4   |            | ER17/75/70/30 Q         | 10  |   |
| B    | 3311000978 | Quick snap              | 10  |   |
| 8    | 3311004606 | Picks and retainers kit | 1   |   |
| A4   |            | ER17/75/70/30 Q         | 10  |   |
| C    | 3311002869 | Retainer clip           | 10  |   |
| 9    | 3311004576 | Picks and retainers kit | 1   |   |
| A5   |            | ER19/75/70/30 Q         | 10  |   |
| B    | 3311000978 | Quick snap              | 10  |   |
| 10   | 3311004607 | Picks and retainers kit | 1   |   |
| A5   |            | ER19/75/70/30 Q         | 10  |   |
| C    | 3311002869 | Retainer clip           | 10  |   |
| 11   | 3311004577 | Picks and retainers kit | 1   |   |
| A6   |            | ER22/75/70/30 Q         | 10  |   |
| B    | 3311000978 | Quick snap              | 10  |   |
| 12   | 3311004608 | Picks and retainers kit | 1   |   |
| A6   |            | ER22/75/70/30 Q         | 10  |   |
| C    | 3311002869 | Retainer clip           | 10  |   |

| Item | Part No.   | Name                    | Qty | L |
|------|------------|-------------------------|-----|---|
| 13   | 3311004578 | Picks and retainers kit | 1   |   |
| A7   |            | ER25/75/70/30 Q         | 8   |   |
| B    | 3311000978 | Quick snap              | 8   |   |
| 14   | 3311004609 | Picks and retainers kit | 1   |   |
| A7   |            | ER25/75/70/30 Q         | 8   |   |
| C    | 3311002869 | Retainer clip           | 8   |   |
| 15   | 3311004579 | Picks and retainers kit | 1   |   |
| A8   |            | ER30/77/70/30 Q         | 10  |   |
| B    | 3311000978 | Quick snap              | 10  |   |
| 16   | 3311004613 | Picks and retainers kit | 1   |   |
| A8   |            | ER30/77/70/30 Q         | 10  |   |
| C    | 3311002869 | Retainer clip           | 10  |   |
| 17   | 3311004580 | Picks and retainers kit | 1   |   |
| A9   |            | ER15/90/70/30 Q         | 10  |   |
| B    | 3311000978 | Quick snap              | 10  |   |
| 18   | 3311004614 | Picks and retainers kit | 1   |   |
| A9   |            | ER15/90/70/30 Q         | 10  |   |
| C    | 3311002869 | Retainer clip           | 10  |   |
| 19   | 3311004581 | Picks and retainers kit | 1   |   |
| A10  |            | ER17/75/70/30 QE        | 10  |   |
| B    | 3311000978 | Quick snap              | 10  |   |
| 20   | 3311004615 | Picks and retainers kit | 1   |   |
| A10  |            | ER17/75/70/30 QE        | 10  |   |
| C    | 3311002869 | Retainer clip           | 10  |   |
| 21   | 3311004582 | Picks and retainers kit | 1   |   |
| A11  |            | ER17/75/70/30 PQ        | 10  |   |
| B    | 3311000978 | Quick snap              | 10  |   |
| 22   | 3311004616 | Picks and retainers kit | 1   |   |
| A11  |            | ER17/75/70/30 PQ        | 10  |   |
| C    | 3311002869 | Retainer clip           | 10  |   |
| 23   | 3311004583 | Picks and retainers kit | 1   |   |
| A12  |            | ER19/75/70/30 PQ        | 10  |   |
| B    | 3311000978 | Quick snap              | 10  |   |
| 24   | 3311004617 | Picks and retainers kit | 1   |   |
| A12  |            | ER19/75/70/30 PQ        | 10  |   |
| C    | 3311002869 | Retainer clip           | 10  |   |

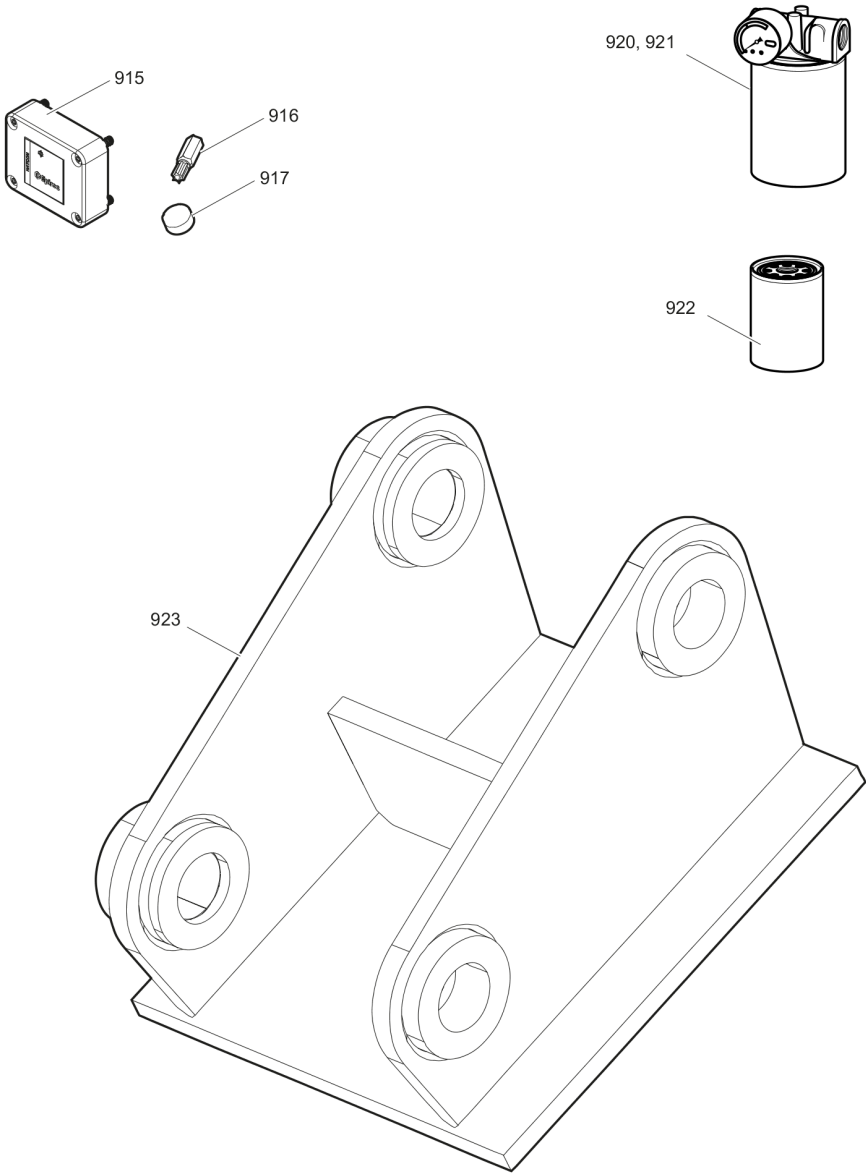


Options / accessories Tools for picks



| Item | Part No.   | Name                                                  | Qty | L |
|------|------------|-------------------------------------------------------|-----|---|
| 901  | 3311000989 | Knock out tool                                        | 1   |   |
| 902  | 3311002872 | Knock out tool for stuck picks                        | 1   |   |
| 903  | 3311000980 | Puller tool for quick snap retainers                  | 1   |   |
| 904  | 3311004217 | Mounting toolfor retaining clips                      | 1   |   |
| 905  | 3311004218 | Dismantling toolfor retaining clips                   | 1   |   |
| 906  | 3311002876 | Mounting toolfor retaining clips (ER17/75/70/30 C)    | 1   |   |
| 907  | 3311002195 | Dismantling toolfor retaining clips (ER17/75/70/30 C) | 1   |   |

Options / accessories    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   |   |
|      | 3311005362 | Water spray kit                                                                                 | 1   |   |
| 923  |            | ADAPTER PLATE matching the carrier. Consult the authorized Customer Center/Dealer in your area. | 1   |   |

Comments for Page: Optional equipment

A | with item 916 and 917

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