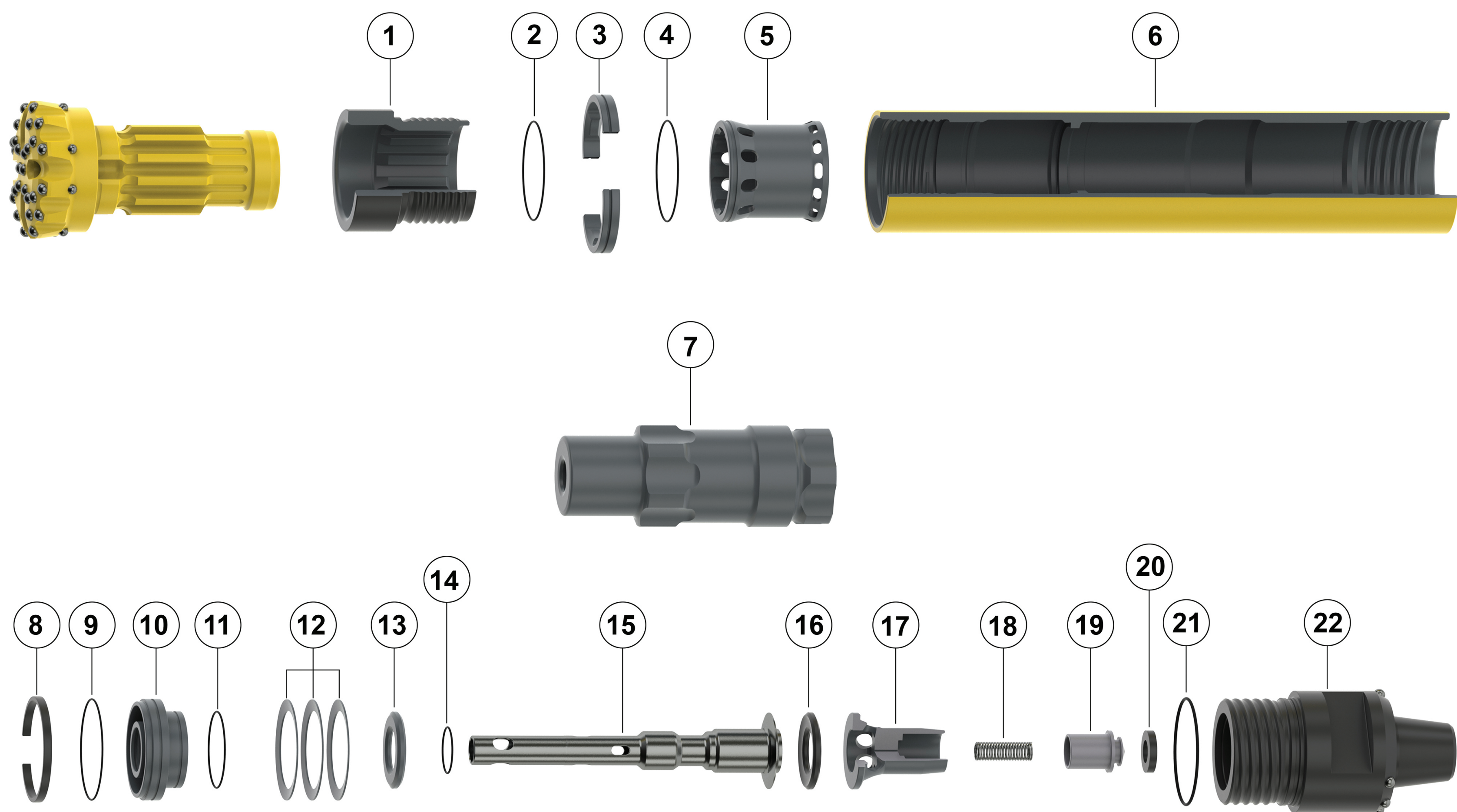


# SECOROC COP 86

## Down-the-hole hammer



| REF. | PART                                                      | PROD. NO. | PRODUCT CODE              |
|------|-----------------------------------------------------------|-----------|---------------------------|
| 1    | Chuck                                                     | 89011571  | 9708-CX-00-000-02-H00-001 |
| 2    | O-ring* for bit retaining ring                            |           |                           |
| 3    | Bit retaining ring assy.                                  | 89012172  | 9708-CX-00-000-02-000-A02 |
| 4    | O-ring* for bushing                                       |           |                           |
| 5    | Bit bearing assy. incl. O-ring                            | 89012168  | 9708-CX-00-000-02-000-A22 |
| 6    | Casing                                                    | 89011570  | 9708-CX-00-000-00-H00-004 |
| 7    | Piston                                                    | 89011572  | 9708-CX-00-000-02-000-005 |
| 8    | Stop ring                                                 | 89011573  | 9708-CX-00-000-00-000-058 |
| 9    | O-ring* for cover                                         |           |                           |
| 10   | Cover                                                     | 89011583  | 9708-CX-00-000-00-000-021 |
| 11   | O-ring* for cover                                         |           |                           |
| 12   | Belleville spring (X3)                                    | 89011574  | 9708-CX-00-000-00-000-013 |
| 13   | Buffer, lower                                             | 89011577  | 9708-CX-00-000-00-000-011 |
| 14   | O-ring* for cover                                         |           |                           |
| 15   | Control tube                                              | 89011581  | 9708-CX-00-000-00-000-007 |
| 16   | Buffer, upper                                             | 89011578  | 9708-CX-00-000-00-000-009 |
| 17   | Valve body                                                | 89011582  | 9708-CX-00-000-00-000-015 |
| 18   | Check valve spring                                        | 89001265  | 9705-CG-00-000-00-000-016 |
| 19   | Check valve assembly                                      | 89012223  | 9708-CX-00-000-00-000-A17 |
| 20   | Check valve seal                                          |           |                           |
| 21   | O-ring* for backhead                                      |           |                           |
| 22   | Backhead assy. 4 1/2" Beca pin w/buttons including O-ring | 89012171  | 9708-CX-00-B3P-00-0B0-A20 |

| REF.                                                | PART                                                           | PROD. NO. | PRODUCT CODE              |
|-----------------------------------------------------|----------------------------------------------------------------|-----------|---------------------------|
| 22                                                  | Backhead assy. 4" Beca pin w/buttons including O-ring          | 89012169  | 9708-CX-00-B2P-00-0B0-A20 |
| 22                                                  | Backhead assy. 4 1/2" API reg. pin, w/buttons including O-ring | 89012170  | 9708-CX-00-17P-00-0B0-A20 |
| *O-rings included in kit only, not sold separately. |                                                                |           |                           |

| HAMMERS AND KITS                                                                 | PROD. NO. | PRODUCT CODE              |
|----------------------------------------------------------------------------------|-----------|---------------------------|
| COP 86 Complete, 4 1/2" API reg pin incl. item 1, 2, 4, 9, 6, 14, 13, 16, 21, 22 | 89012175  | 9708-CX-00-17P-02-HB0     |
| COP 86 Complete, 4 1/2" Beca pin incl. item 1, 2, 4, 9, 6, 14, 13, 16, 21, 22    | 89012176  | 9708-CX-00-B3P-02-HB0     |
| COP 86 Complete, 4" Beca pin incl. item 1, 2, 4, 9, 6, 14, 13, 16, 21, 22        | 89012174  | 9708-CX-00-B2P-02-HB0     |
| COP 86 E-Kit, 4 1/2" API reg pin incl. item 1, 2, 4, 9, 6, 14, 13, 16, 21, 22    | 89012196  | 9708-CX-00-17P-02-HB0-K40 |
| COP 86 E-Kit, 4 1/2" Beca pin incl. item 1, 2, 4, 9, 6, 14, 13, 16, 21, 22       | 89012195  | 9708-CX-00-B3P-02-HB0-K40 |
| COP 86 E-Kit, 4" Beca pin incl. item 1, 2, 4, 9, 6, 14, 13, 16, 21, 22           | 89012194  | 9708-CX-00-B2P-02-HB0-K40 |
| O-ring kit incl. item 2, 4, 9, 11, 13, 14, 16, 20, 21                            | 89012190  | 9708-CX-00-000-00-000-K47 |

| COP 86 WEAR LIMITS |                      |          |
|--------------------|----------------------|----------|
| Casing             | OD (min.)            | 183 mm   |
| Bit bushing        | ID (max)             | 128.5 mm |
| Piston seal        | OD / Casing ID (max) | 0.4 mm   |
| Piston             | ID / Control Tube    | 0.4 mm   |
| Piston stem        | OD / Bit Bushing     | 0.5 mm   |