



## Rohloff SPEEDHUB 500/14

Om de Rohloff Speedhub compatibel te maken met de meeste frames is er keuze uit:

- drie astypes (CC quick release / TS bolt-on / A12 (Thru axle compatibel))
- twee types bediening (Internal / External)
- vier verschillende asplaten (Momentarm (standard) / OEM / OEM2 / PM[niet voor tandem gebruik])
- twee types hub-cap (Standard / Disc Brake DB)
- voor 32 of 36 spaken

Alle naven kunnen nadien omgebouwd worden naar disc-brake compatibel .

**135 mm/142 mm O.L.D. SPEEDHUBs zijn verkrijgbaar in zilver (anodized of polished), rood en zwart.**

Alle 135 mm O.L.D. SPEEDHUB 500/14 versies zijn geschikt for tandem gebruik. Voeg hiervoor de letter 'T' toe aan het Art. No.

**Flange Support Rings zitten standaard op alle naven vanaf oktober 2017. Gebruik is verplicht om volledige garantie te behouden**

Het modulaire systeem maakt dat er heel veel verschillende Speedhub varianten zijn.

Om de geschikte naaf voor een bestaand frame te kunnen bepalen vragen we om een foto van de linkse en rechtse dropout + foto van de hele fiets te mailen naar info@koli3.be

## Inhoudstafel

### SPEEDHUB 500/14 hub types

CC - hollow Q/R axle, standard hub-cap, internal gear mechanism	Section 01
CC EX - hollow Q/R axle, standard hub-cap, external gear mechanism	Section 02
CC DB - hollow Q/R axle, disc brake hub-cap, external gear mechanism	Section 03
CC DB XL hubs with a 170 mm O.L.D.	Section 04
CC DB XXL hubs with a 190 mm O.L.D.	Section 05
TS - threaded M10x1 axle, standard hub-cap, internal gear mechanism	Section 06
TS EX - threaded M10x1 axle, standard hub-cap, external gear mechanism	Section 07
TS DB - threaded M10x1 axle, disc brake hub-cap, external gear mechanism	Section 08
TS DB XL hubs with a 170 mm O.L.D.	Section 09
CC/TS tandem hubs	Section 10
A12 DB - thru axle, disc brake hub-cap, external gear mech (142/148 mm)	Section 11
A12 DB XL hubs with a 177 mm O.L.D.	Section 12
A12 DB XXL hubs with a 197 mm O.L.D.	Section 13

### SPEEDHUB 500/14 Service

Ombouw en upgrades vor de Rohloff Speedhub uitgevoerd door Koli3 BVBA	Section 14
Herstellingskosten voor the Speedhub uitgevoerd door Koli3 BVBA	Section 15
Spare parts voor de Speedhub voor montage door Koli3 BVBA	Section 16

### SPEEDHUB 500/14 spare parts en toebehoren voor losse verkoop.

Twist Shifter rubber grip	Section 17
Schakelkabels	Section 18
External gear mechanisme	Section 19
Internal gear mechanisme	Section 20
Kabelgeleiding	Section 21
Tandwielen	Section 22
Kettingeleider	Section 23
Kettingspanner	Section 24
Olie voor Speedhub	Section 25
Asplaten en toebehoren	Section 26
Gereedschap	Section 27
Remschijven	Section 28
Spaken	Section 29
Accessories	Section 30
E-14 onderdelen (electronisch schakelen)	Section 31

### Kettingaandrijving

Universele kettingpons (voor singlespeed tot 12speed kettingen)	Section 32
Slijtage meetinstrumenten	Section 33
Kettingolie	Section 34

## Section 1

**CC - Hollow quick release axle, Standard hub-cap, Internal gear mech (135 mm)***Rohloff SPEEDHUB 500/14 CC for classic frames with vertical dropouts*

Kit includes: Hub with hollow quick release axle, Twist shifter, Shifter cables, mounting hardware,  
Standard axleplate and Chain tensioner.

32-hole CC, silver(8000), red(8001), black(8002) 1134,45  
36-hole CC, silver(68000), red(68001), black(68002) 1134,45

*Rohloff SPEEDHUB 500/14 CC OEM for frames with reinforced and elongated vertical dropouts*

Kit includes: Hub with quick release axle, Twist shifter, Shifter cables, and OEM axleplate for special dropouts.

32-hole CC OEM, silver(8005), red(8006), black(8007) 1058,82  
36-hole CC OEM, silver(68005), red(68006), black(68007) 1058,82

*Rohloff SPEEDHUB 500/14 CC OEM2 for frames with vertical dropouts and international standard disc brake mounts (IS2000).*

Kit includes: Hub with quick release axle, Twist shifter, Shifter cables, and OEM2 axleplate to anchor output torque  
to the rearmost mounting hole of an IS2000 brake caliper mount.

32-hole CC OEM2, silver(8005Z), red(8006Z), black(8007Z) 1058,82  
36-hole CC OEM2, silver(68005Z), red(68006Z), black(68007Z) 1058,82

*Rohloff SPEEDHUB 500/14 CC PM for frames with Postmount disc brake mounts.*

Kit includes: Hub with quick release axle, Twist shifter, Shifter cables, and PM axleplate to anchor the output torque  
to the rearmost mounting hole of a Postmount brake caliper mount. Attention - PM Bone (Art. 8555) required - available separately!

32-hole CC PM, silver(8005PM), red(8006PM), black(8007PM) 1058,82  
36-hole CC PM, silver(68005PM), red(68006PM), black(68007PM) 1058,82

## Section 2

**CC EX - Hollow quick release axle, Standard hub-cap, External gear mech (135 mm)***Rohloff SPEEDHUB 500/14 CC EX ideal for small frames (i.e. 20" wheels) with short or non-standard rear stays*

Kit includes: Hub with quick release axle, Twist shifter, Shifter cables, mounting hardware, External gear mech,  
Standard axleplate, and Chain tensioner.

32-hole CC EX, silver(8010), red(8011), black(8012) 1210,08  
36-hole CC EX, silver(68010), red(68011), black(68012) 1210,08

*Rohloff SPEEDHUB 500/14 CC EX OEM for frames with reinforced and elongated vertical dropouts*

Kit includes: Hub with quick release axle, Twist shifter, Shifter cables, External gear mech, and OEM axleplate for special dropouts.

32-hole CC EX OEM, silver(8015), red(8016), black(8017) 1134,45  
36-hole CC EX OEM, silver(68015), red(68016), black(68017) 1134,45

*Rohloff SPEEDHUB 500/14 CC EX OEM2 for frames with vertical dropouts and international standard disc brake mounts (IS2000).*

Kit includes: Hub with quick release axle, Twist shifter, Shifter cables, External gear mech, and OEM2 axleplate to anchor output torque  
to the rearmost mounting hole of an IS2000 brake caliper mount.

32-hole CC EX OEM2, silver(8015Z), red(8016Z), black(8017Z) 1134,45  
36-hole CC EX OEM2, silver(68015Z), red(68016Z), black(68017Z) 1134,45

*Rohloff SPEEDHUB 500/14 CC EX PM for frames with Postmount disc brake mounts.*

Kit includes: Hub with quick release axle, Twist shifter, Shifter cables, External gear mech, and PM axleplate to anchor the output torque  
to the rearmost mounting hole of a Postmount brake caliper mount. Attention - PM Bone (#8555) required - available separately.

32-hole CC EX PM, silver(8015PM), red(8016PM), black(8017PM) 1134,45  
36-hole CC EX PM, silver(68015PM), red(68016PM), black(68017PM) 1134,45

### Section 3

#### **CC DB - Hollow quick release axle, Disc brake hub-cap, External gear mech (135 mm)**

*Rohloff SPEEDHUB 500/14 CC DB for frames using Disc Brakes and vertical dropouts*

Kit includes: Hub with quick release axle, Hub-cap with mount for special brake rotor, Twist shifter, Shifter cables, mounting hardware, External gear mech, Standard axleplate and Chain tensioner. Brake rotor not included.

<b>32-hole CC DB, silver(8020), red(8021), black(8022)</b>	<b>1235,29</b>
<b>36-hole CC DB, silver(68020), red(68021), black(68022)</b>	<b>1235,29</b>

*Rohloff SPEEDHUB 500/14 CC DB OEM for frames with reinforced and elongated vertical dropouts*

Kit includes: Hub with quick release axle, Hub-cap with mount for special brake rotor, Twist shifter, Shifter cables, External gear mech and OEM axleplate for special dropouts. Brake rotor not included.

<b>32-hole CC DB OEM, silver(8025), red(8026), black(8027)</b>	<b>1159,66</b>
<b>36-hole CC DB OEM, silver(68025), red(68026), black(68027)</b>	<b>1159,66</b>

*Rohloff SPEEDHUB 500/14 CC DB OEM2 for frames with vertical dropouts and international standard disc brake mounts (IS2000).*

Kit includes: Hub with quick release axle, Hub-cap with mount for special brake rotor, Twist shifter, Shifter cables, External gear mech and OEM2 axleplate to anchor output torque to the rearmost mounting hole of ISO2000 brake caliper mount. **Attention - SPEEDBONE (#8550) or Monkey Bone (#8553/#8554) required - available separately.** Brake rotor not included.

<b>32-hole CC DB OEM2, silver(8025Z), red(8026Z), black(8027Z)</b>	<b>1159,66</b>
<b>36-hole CC DB OEM2, silver(68025Z), red(68026Z), black(68027Z)</b>	<b>1159,66</b>

*Rohloff SPEEDHUB 500/14 CC DB PM for frames with Postmount disc brake mounts.*

Kit includes: Hub with quick release axle, Hub-cap with mount for special brake rotor, Twist shifter, Shifter cables, External Gear Mech and PM axleplate to anchor the output torque to the rearmost mounting hole of a Postmount brake caliper mount. **Attention - PM Bone (#8555) required - available separately.** Brake rotor not included.

**The next-largest brake disc will be required because the PM Bone also acts as an adapter. Must be ordered separately.**

<b>32-hole CC DB PM, silver(8025PM), red(8026PM), black(8027PM)</b>	<b>1159,66</b>
<b>36-hole CC DB PM, silver(68025PM), red(68026PM), black(68027PM)</b>	<b>1159,66</b>

### Section 4

#### **Rohloff SPEEDHUB 500/14 CC DB XL - 170mm O.L.D. - black only!**

The SPEEDHUB 500/14 A12 DB XL with 170 mm O.L.D. is only available as a 32 hole, disc brake version in black. This article is configured and includes the same accessories as section 3 but with a 170 mm O.L.D. The following articles remain as available options:

<b>32-hole CC DB black XL (8022XL)</b>	<b>1341,18</b>
<b>32-hole CC DB OEM black XL (8027XL)</b>	<b>1260,50</b>
<b>32-hole CC DB OEM2 black XL (8027ZXL)</b>	<b>1260,50</b>
<b>32-hole CC DB PM black XL (8027PML)</b>	<b>1260,50</b>

### Section 5

#### **Rohloff SPEEDHUB 500/14 CC DB XXL - 190mm O.L.D. - black only!**

The SPEEDHUB 500/14 A12 DB XL with 190 mm O.L.D. is only available as a 32 hole, disc brake version in black. This article is configured and includes the same accessories as section 3 but with a 190 mm O.L.D. The following article remains the only available option:

<b>32-hole CC DB OEM2 black XXL (8027ZXXL)</b>	<b>1285,71</b>
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FAT Bone (#8556/#8557) or Monkey Bone-10 (#8553-10/#8554-10) will be required. These must be ordered separately!

#### **Rohloff SPEEDHUB 500/14 TS - Threaded Axle Hubs**

### Section 6

#### **TS - Threaded axle, Standard hub-cap, Internal gear mech (135 mm)**

*Rohloff SPEEDHUB 500/14 TS is necessary for mounting in frames with horizontal dropout slots*

Kit includes: Hub with threaded axle, Twist shifter, Shifter cables and Standard axleplate.

<b>32-hole TS, silver(8040), red(8041), black(8042)</b>	<b>1089,08</b>
<b>36-hole TS, silver(68040), red(68041), black(68042)</b>	<b>1089,08</b>

*Rohloff SPEEDHUB 500/14 TS OEM for frames with reinforced and elongated vertical dropouts*

Kit includes: Hub with threaded axle, Twist shifter, Shifter cables and OEM axleplate for special dropouts.

<b>32-hole TS OEM, silver(8045), red(8046), black(8047)</b>	<b>1058,82</b>
<b>36-hole TS OEM, silver(68045), red(68046), black(68047)</b>	<b>1058,82</b>

*Rohloff SPEEDHUB 500/14 TS OEM2 for frames with vertical dropouts and international standard disc brake mounts (IS2000).*

Kit includes: Hub with threaded axle, Twist shifter, Shifter cables and OEM2 axleplate to anchor output torque to the rearmost mounting hole of an IS2000 brake caliper mount.

<b>32-hole TS OEM2, silver(8045Z), red(8046Z), black(8047Z)</b>	<b>1058,82</b>
<b>36-hole TS OEM2, silver(68045Z), red(68046Z), black(68047Z)</b>	<b>1058,82</b>

## Section 7

### **TS EX - Threaded axle, Standard hub-cap, External gear mech (135 mm)**

*Rohloff SPEEDHUB 500/14 TS EX ideal for small frames (i.e. 20" wheels) with short or non-standard rear stays*

Kit includes: Hub with threaded axle, Twist shifter, Shifter cables, External gear mech and Standard axleplate.

<b>32-hole TS EX, silver(8050), red(8051), black(8052)</b>	<b>1164,71</b>
<b>36-hole TS EX, silver(68050), red(68051), black(68052)</b>	<b>1164,71</b>

*Rohloff SPEEDHUB 500/14 TS EX OEM for frames with reinforced and elongated vertical dropouts*

Kit includes: Hub with threaded axle, Twist shifter, Shifter cables, External gear mech and OEM axleplate for special dropouts.

<b>32-hole TS EX OEM, silver(8055), red(8056), black(8057)</b>	<b>1134,45</b>
<b>36-hole TS EX OEM, silver(68055), red(68056), black(68057)</b>	<b>1134,45</b>

*Rohloff SPEEDHUB 500/14 TS EX OEM2 for frames with vertical dropouts and international standard disc brake mounts (IS2000).*

Kit includes: Hub with threaded axle, Twist shifter, Shifter cables, External gear mech and OEM2 axleplate to anchor output torque to the rearmost mounting hole of an IS2000 brake caliper mount.

<b>32-hole TS EX OEM2, silver(8055Z), red(8056Z), black(8057Z)</b>	<b>1134,45</b>
<b>36-hole TS EX OEM2, silver(68055Z), red(68056Z), black(68057Z)</b>	<b>1134,45</b>

## Section 8

### **TS DB - Threaded axle, Disc brake hub-cap, External gear mech (135 mm)**

*Rohloff SPEEDHUB 500/14 TS DB ideal for downhill bicycles where a bolt-on axle may be preferred.*

Kit includes: Hub with threaded axle, Hub-cap with mount for special brake rotor, Twist shifter, Shifter cables, External gear mech and a Standard axle-plate. Brake rotor not included.

<b>32-hole TS DB, silver(8060), red(8061), black(8062)</b>	<b>1189,92</b>
<b>36-hole TS DB, silver(68060), red(68061), black(68062)</b>	<b>1189,92</b>

*Rohloff SPEEDHUB 500/14 TS DB OEM for frames with reinforced and elongated vertical dropouts*

Kit includes: Hub with Threaded Axle, Hub-cap with mount for special brake rotor, Twist shifter, Shifter cables, External gear mech, OEM axleplate for special dropouts. Brake rotor not included.

<b>32-hole TS DB OEM, silver(8065), red(8066), black(8067)</b>	<b>1159,66</b>
<b>36-hole TS DB OEM, silver(68065), red(68066), black(68067)</b>	<b>1159,66</b>

*Rohloff SPEEDHUB 500/14 TS DB OEM2 for frames with vertical dropouts and international standard disc brake mounts (IS2000).*

Kit includes: Hub with Threaded Axle, Hub-cap with mount for special brake rotor, Twist shifter, Shifter cables, External gear mech, OEM2 axleplate to anchor output torque to the rearmost mounting hole of ISO2000 brake caliper mount.  
**Attention - PM Bone (#8555) required - available separately.** Brake rotor not included.

<b>32-hole TS DB OEM2, silver(8065Z), red(8066Z), black(8067Z)</b>	<b>1159,66</b>
<b>36-hole TS DB OEM2, silver(68065Z), red(68066Z), black(68067Z)</b>	<b>1159,66</b>

## Section 9

### **Rohloff SPEEDHUB 500/14 TS DB XL - 170mm O.L.D. - black only!**

The SPEEDHUB 500/14 A12 DB XL with 170 mm O.L.D. is only available as a 32 hole, disc brake version in black. This article is configured and includes the same accessories as section 8 but with a 170 mm O.L.D. The following articles remain as available options:

<b>32-hole TS DB black XL (8062XL)</b>	<b>1290,76</b>
<b>32-hole TS DB OEM black XL (8067XL)</b>	<b>1260,50</b>
<b>32-hole TS DB OEM2 black XL (8067ZXL)</b>	<b>1260,50</b>

## Section 10

### **Rohloff SPEEDHUB 500/14 CC & TS (135 mm O.L.D.) for tandem use.**

**No other axle types nor widths are authorized for tandem use at time of press (10/2015)**

CC and TS versions of the Rohloff SPEEDHUB 500/14 (135 mm O.L.D) can be ordered for tandem use. These hubs have stronger aluminium coupling pins, are supplied with longer shifter cables (2.8m).

When ordering tandem hubs please simply add the letter 'T' at the end of the article number (e.g. '8000 T').

. . . . T                      Surcharge for tandem hubs

9,98

## **Rohloff SPEEDHUB 500/14 - A12 (12 mm) Thru Axle Hubs (not authorized for Tandem applications)**

12mm thru-axle frames must be accurately measured with our A12 measurement kit (Pos. 27, Tools, Art.#8600) prior to sale of an A12 hub. This is a necessary step to calculate which reduction sleeves (Pos. 26, A12-Reduction Sleeves, Art.#8592-8599) are required. Correct mounting of an A12 SPEEDHUB model is not possible without the correctly calculated reduction sleeves!

### Section 11

#### **10: A12 - Thru axle, Standard hub-cap, Internal gear mech**

*Rohloff SPEEDHUB 500/14 A12 OEM2 for frames with vertical dropouts and international standard disc brake mounts (IS2000).*

Kit includes: Hub with thru axle, Twist shifter, Shifter cables, and A12 OEM2 axleplate to anchor output torque to the rearmost mounting hole of ISO2000 brake caliper mount.

32-hole A12 OEM2, silver(8075Z), red(8076Z), black(8077Z)	1.145,00
36-hole A12 OEM2, silver(68075Z), red(68076Z), black(68077Z)	1.145,00

*Rohloff SPEEDHUB 500/14 A12 PM for frames with Postmount disc brake mounts.*

Kit includes: Hub with thru axle, Twist shifter, Shifter cables, and an A12 PM axleplate to anchor output torque to the PM Bone mounted to the Postmount caliper mount. Attention - PM Bone (Art. #8555) not included!

32-hole A12 PM, silver(8075PM), red(8076PM), black(8077PM)	1.145,00
36-hole A12 PM, silver(68075PM), red(68076PM), black(68077PM)	1.145,00

#### **11: A12 EX - Thru axle, Standard hub-cap, External gear mech**

*Rohloff SPEEDHUB 500/14 A12 EX OEM2 for frames with vertical dropouts and international standard disc brake mounts (IS2000).*

Kit includes: Hub with thru axle, Twist shifter, Shifter cables, External gear mech and an A12 OEM2 axleplate to anchor output torque to the rearmost mounting hole of ISO2000 brake caliper mount.

32-hole A12 EX OEM2, silver(8085Z), red(8086Z), black(8087Z)	1.222,00
36-hole A12 EX OEM2, silver(68085Z), red(68086Z), black(68087Z)	1.222,00

*Rohloff SPEEDHUB 500/14 A12 EX PM for frames with Postmount disc brake mounts.*

Kit includes: Hub with thru axle, Twist shifter, Shifter cables, External gear mech and an A12 PM axleplate to anchor output torque to the PM Bone mounted to the Postmount caliper mount. Attention - PM Bone (Art. #8555) not included!

32-hole A12 EX PM, silver(8085PM), red(8086PM), black(8087PM)	1.222,00
36-hole A12 EX PM, silver(68085PM), red(68086PM), black(68087PM)	1.222,00

#### **A12 DB - Thru axle, Disc brake hub-cap, External gear mech (142/148 mm)**

*Rohloff SPEEDHUB 500/14 A12 DB OEM2 for frames with vertical dropouts and international standard disc brake mounts (IS2000).*

Kit includes: Hub with thru axle, Hub-cap with mount for special brake rotors (Distance - Disc flange/Dropout = 16.3 mm according to IS1999), Twist shifter, Shifter cables, External Gear Mech, and an A12 OEM2 axleplate to anchor output torque to the rearmost mounting hole of ISO2000 brake caliper mount. Attention - SPEEDBONE (8550) or Monkey Bone (8553/8554) available separately. Brake rotor not included!

32-hole A12 DB OEM2, silver(8095Z), red(8096Z), black(8097Z)	1260,50
36-hole A12 DB OEM2, silver(68095Z), red(68096Z), black(68097Z)	1260,50

*Rohloff SPEEDHUB 500/14 A12 DB PM for frames with Postmount disc brake mounts.*

Kit includes: Hub with thru axle, Hub-cap with mount for special brake rotors (Distance - Disc flange/Dropout = 16.3 mm according to IS1999), Twist shifter, Shifter cables, External Gear Mech, and an A12 PM axleplate to anchor output torque to a PM bone mounted to the Postmount caliper mount. Attention - PM Bone (Art. #8555) not included. Brake rotor not included!

The next-largest brake disc will be required because the PM Bone also acts as an adapter. Must be ordered separately.

32-hole A12 DB PM, silver(8095PM), red(8096PM), black(8097PM)	1260,50
36-hole A12 DB PM, silver(68095PM), red(68096PM), black(68097PM)	1260,50

148mm Boost hubs can be ordered by simply adding the letter 'B' to the end of the Art. No.

### Section 12

#### **Rohloff SPEEDHUB 500/14 A12 DB XL - 177mm O.L.D. - black only!**

The SPEEDHUB 500/14 A12 DB XL with 177 mm O.L.D. is only available as a 32 hole, disc brake version in black. This article is configured and includes the same accessories as section 11 but with a 177 mm O.L.D. The following articles remain as available options:

32-Loch A12 DB OEM2 black XL (8097ZXL)	1361,34
32-Loch A12 DB PM black XL (8097PMXL)	1361,34

## Section 13

### **Rohloff SPEEDHUB 500/14 A12 DB XXL - 197mm O.L.D. - black only!**

The SPEEDHUB 500/14 A12 DB XXL with 197 mm O.L.D. is only available as a 32 hole, disc brake, OEM2 version in black. This article is configured and includes the same accessories as section 11 but with a 197 mm O.L.D. The following article remains the only available option:

#### **32-Loch A12 DB OEM2 black XXL (8097ZXXL)**

1386,55

FAT Bone (#8556/#8557) or Monkey Bone-10 (#8553-10/#8554-10) will be required. These must be ordered separately!

## **Rohloff SPEEDHUB 500/14 Service**

## Section 14

### **Retrofit Possibilities for Rohloff SPEEDHUB 500/14**

(Montage enkel door Koli3 BVBA)

#### **Disc Brake retrofit kit**

**Kit includes:** Disc brake Hub-cap silver, red or black, External Gear Mech, Shifter cables, 4 disc brake mounting bolts.

**Not included:** Brake Disc (must be ordered separately)

8100 -	Disc Brake retrofit kit in silver	229,92
8101 -	Disc Brake retrofit kit in black	229,92
8102 -	Disc Brake retrofit kit in red	229,92
8299 -	Montage retrofit kit (extra werkzaamheden aan lagers/dichtingen/binnenwerk worden afzonderlijk aangerekend)	78,66

#### **Soft indexing spring conversion (Set includes: Soft indexing spring and labor) for old hubs Serial-No. Pre- 18100**

8110 -	Conversion to soft indexing spring	71,60
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#### **Noise reduction (Including labor) for old hubs Serial-No. Pre- 45000**

8113 -	Noise reduction (extra werkzaamheden aan lagers/binnenwerk worden afzonderlijk aangerekend)	71,60
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#### **Reseal of SPEEDHUB (Includes all parts and labor)**

8114 -	Herdichten naaf (extra werkzaamheden aan lagers/binnenwerk worden afzonderlijk aangerekend)	156,30
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#### **36-hole retrofit kit (kit includes: Hub shell 36-hole with flange support rings, Hub cap 36-hole silver, red or black,**

Drain screw, Hub cap screws, Hub cap gasket 36-hole, All season oil, montage. Extra werkzaamheden worden afzonderlijk aangerekend

**Opgelet: dit is een upgrade, oude naafhuls wordt vernietigd.**

8115 -	36-hole retrofit kit Std, silver	367,06
8116 -	36-hole retrofit kit Std, red	367,06
8117 -	36-hole retrofit kit Std, black	367,06
8125 -	36-hole retrofit kit DB, silver	375,63
8126 -	36-hole retrofit kit DB, red	375,63
8127 -	36-hole retrofit kit DB, black	375,63

#### **Gear-unit Speedhub 500/14 overhaul**

8131 -	Gear-unit Speedhub 500/14 overhaul	199,16
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(Includes: - Shifting Shaft bearing, Ring-gear connector, Driver bearings, Freewheel ring, Clutch ring, Sun gears #1&2, Clutch sleeve, montage)

Extra werkzaamheden en onderdelen worden afzonderlijk aangerekend

## Section 15

### **Repair costs for Rohloff SPEEDHUB 500/14**

If the warranty has expired and no courtesy repair has been granted, then repairs will be invoiced.

In such cases, labor will be charged per minute plus an additional 10mins for external hub cleaning (if required)

Please ensure your hub/wheel is clean before shipping to our service department to help reduce the costs.

Replacement parts are charged at the regular price.

Montage	Werkuren SPEEDHUB 500/14 1xFRU) / 10 minuten	15,70
TOW - TLW	Transportkosten ophalen of leveren wiel door TC express	16,34

## Section 16

### **Onderdelen voor montage door Koli3 BVBA (niet voor losse verkoop):**

8209 -	Hub cap disc brake red	88,74
68209 -	Hub cap disc brake red 36-hole	88,74
8210 -	Hub cap disc brake silver	88,74
68210 -	Hub cap disc brake silver 36-hole	88,74
8211 -	Hub cap disc brake black	88,74
68211 -	Hub cap disc brake black 36-hole	88,74
8237 -	Hub cap screws (9 units.)	3,53
8238 -	Hub cap seal 32-hole	2,62
68238 -	Hub cap seal 36-hole	2,62
8239 -	Hub shell/cap bearings (2 units)	38,32
8244 -	Hub cap seals (2 units) SPEEDHUB 500/14	16,13
8247 -	Hub seal glue, Loctite 641 - 10 ml	0,00
8276 -	Complete Driver	51,43
8277 -	Driver bearings (2 units.)	9,98

**Section 17**

**Twist shifter for Rohloff SPEEDHUB 500/14**

8206 -	Twist shifter "light"	88,74
8207 -	Twist shifter "light" left-hand	88,74
8190 -	Rubber grip for twist shifter "light"	16,13
8191 -	Cable stoppers 1 and 14 for twist shifter "light"	2,62
8192 -	TX20 screws for clamp for twist shifter "light"	2,62
8193 -	TX20 screws and clamp for twist shifter "light"	17,65
8194 -	Cable pulley for twist shifter "light"	5,04
8195 -	Rubber grip for twist shifter "light" left-hand	16,13
8200 -	<b>Twist shifter "classic" (zolang voorraad strekt)</b>	<b>61,89</b>
8201 -	Rubber grip for twist shifter	12,83
8202 -	Twist shifter cable stoppers 1 and 14	19,16
8203 -	Twist shifter cable stopper screws TX20	2,52
8204 -	Twist shifter clamp screws	2,52

**Section 18**

**Shifter Cables for Rohloff SPEEDHUB 500/14**

8265 -	Shifter cables 1.1 mm (2) 2.25 m	7,06
8266 -	Shifter cables 1.1 mm (2) 3.05 m	7,06
8267 -	<b>Tandem shifter cable set: 2x inner + 2x housing 2.8 m + 8x ferrules</b>	<b>27,23</b>
8268 -	<b>Shifter cable set: 2x inner + 2x housing 2.0 m + 8x ferrules</b>	<b>25,21</b>
8703 -	Shifter cable ferrules (10 pcs.)	10,29
5201 -	<b>Cable-Manager-Kit (2 x ferrules, zip-ties, double-sided sticky pads)</b>	<b>5,24</b>

**Section 19**

**External gear mech**

Kit includes: EX transfer-box, Cable-box, Gear, Shifter cable ferrules, Axleplate Torx screws and a grub screw.

8213 -	<b>External gear mech</b>	<b>152,27</b>
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**Spare parts for External gear mech**

8212 -	Cable box (incl. Cable pulley 8218 and Cable adjusters 8704)	62,52
8215 -	Set shifting box bolt with threaded bush	3,53
8216 -	EX transfer box (incl. 'Cog D')	91,76
8217 -	Cap for cable box (external gear mech)	10,29
8218 -	Cable pulley	14,12
8275 -	Freewheel springs (2 units)	2,62
8570 -	Grub screw bayonet connectors	2,62
8704 -	Cable adjusters for cable box	10,29
8710 -	Paper gasket kit for axle-ring	2,62
8714 -	Paper gasket kit for axle-ring with axle-plate screws	3,53

**Section 20**

**Internal gear mech**

8572 -	<b>Axle-ring complete</b>	<b>76,64</b>
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**Spare parts for Internal gear mech**

8271 -	Hub cables for Internal gear mech incl. tubes and zip-ties	5,04
8272 -	Bayonet connectors, 2x male type	16,13
8273 -	Bayonet connectors, 2x female type	16,13
8274 -	Bayonet connectors, 1x male type, 1x female type	16,13
8275 -	Freewheel springs (2 units)	2,62
8570 -	Grub screw bayonet connectors	2,62
8573 -	Hub cable Easy Set (from Serial no. 25300)	38,32
8702 -	Concertina tubes (2 units) incl. ties (4 units)	3,53
8709 -	Bayonet springs for 8273	5,24
8710 -	Paper gasket kit for axle-ring	2,62
8714 -	Paper gasket kit for axle-ring with axle-plate screws	3,53

**Section 21**

**Cable Guide for Rohloff SPEEDHUB 500/14**

Frames without a cantilever brake boss or lowered crossbar bikes need to have the cables routed along the chainstay.

For this please order Art No. 8260.

8259 -	Cable Guide 13°	13,61
8260 -	Cable Guide 0° with frame clamp	13,61
8261 -	Barrel adjusters for Art.No. 8259, 8260	7,06
8241 -	Clamp for Art.No. 8260 (fits frame diameters up to 25 mm)	4,44

## Section 22

### **Sprockets for Rohloff SPEEDHUB 500/14**

The Rohloff SPEEDHUB 500/14 kit always include a 16 tooth splined sprocket as standard. Other sprockets must be ordered separately.

**Splined sprockets can be reversed/replaced without a sprocket tool. The 'Sprocket Remover Tool' must be used when replacing the Splined Carrier.**

8508 -	<b>Sprocket remover tool for 135/142/170/177 mm hubs incl. A12 adapter/ bolt</b>	31,26
8509 -	<b>Sprocket remover tool for 148/190/197 mm hubs incl. A12 adapter/bolt</b>	31,26
8518 -	<b>Lock-Ring tool (for 8540L/8540SL)</b>	40,64
8538 -	Lock-Ring (for 8540L/8540SL)	13,11
8539 -	Snap-ring - Splined sprocket system	0,61
8540 -	<b>Splined Carrier Standard (Splined sprocket adapter with snap-ring)</b> 58mm Carbon Drive for ALL splined sprockets/for Carbon Drive	27,23
8540S -	<b>Splined Carrier Slim (Splined sprocket adapter with snap-ring)</b> 55mm chainline - ONLY for splined sprockets with 15 teeth or more/NOT Carbon Drive compatible	27,23
8540L / 8540SL	<b>Splined Carrier Standard Lock (Splined sprocket adapter with Lock-ring)/ Splined Carrier Slim Lock, ONLY for splined sprockets with 15 teeth or more/for Carbon Drive</b>	41,34
8541 -	Splined sprocket - 13 tooth (Steel) - Reversible	14,72
8542 -	Splined sprocket - 14 tooth (Steel) - Reversible	15,73
8543 -	Splined sprocket - 15 tooth (Steel) - Reversible	16,64
8544 -	Splined sprocket - 16 tooth (Steel) - Reversible	18,76
8545 -	Splined sprocket - 17 tooth (Steel) - Reversible	20,87
8546 -	Splined sprocket - 18 tooth (Steel) - Reversible	22,99
8547 -	Splined sprocket - 19 tooth (Steel) - Reversible	24,91
8549 -	Splined sprocket - 21 tooth (Steel) - Reversible	27,13

#### Threaded Sprockets (while stocks last)

8221 -	16 tooth sprocket (steel) standard	31,00
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## Section 23

### **Chain guide CC**

In certain cases, especially with full suspension bikes or in aggressive CC situations, it is possible that the chain could derail.

**To prevent this, you may either use special chainrings or the Rohloff Chain Guide CC. This is not necessary if a chain tensioner is not in use. We recommend using available aftermarket chain guides for Downhill racing or similar extreme conditions.**

8290 -	Chain Guide CC	58,39
8291 -	<b>DH Chain Guide hub (for 15, 16, 17 tooth threaded sprockets)</b> incl. Mounting tool	37,31
8293 -	<b>Downhill-Kit (8245 + 8291)</b>	110,92

## Section 24

### **Chain Tensioner for Rohloff SPEEDHUB 500/14**

All TS and all OEM versions come without a Chain Tensioner. If you have horizontal dropouts shorter than 25 mm or a full suspension frame with chain feedback the chain tensioner must be ordered.

For Downhill racing and similar extreme conditions we recommend using the DH Chain Tensioner (Shorty).

8245 -	<b>DH Chain Tensioner (Shorty)</b>	76,64
8245-10 -	<b>DH Chain Tensioner (Shorty) -10 mm for 148/190/197 mm</b>	88,74
8250 -	<b>Chain Tensioner</b>	69,08
8250-10 -	<b>Chain tensioner -10 mm for 148/190/197 mm</b>	81,18
8250-15 -	<b>Chain tensioner -15 mm for 148/190/197 mm</b>	87,73
8293 -	<b>Downhill-Kit (8245 + 8291)</b>	110,92

#### Spare parts for Chain Tensioner

8246 -	<b>Chain Tensioner arm for DH Chain Tensioner Shorty (8245/8245-10)</b>	14,12
8248 -	<b>Conversion kit Chain Tensioner</b>	4,44
8249 -	<b>Chain Tensioner arm (8250/8250-10)</b>	14,12
8251 -	Chain Tensioner jockey wheels	10,29
8253 -	Chain Tensioner mounting bolt	5,24
8254 -	Chain Tensioner hanger	10,29
8255 -	Chain Tensioner long mounting bolt	5,04
8256 -	<b>Distancing washers for Chain Tensioner (4 units)</b>	3,03
8257 -	<b>Long mounting bolt and Distancing washers (8255+8256)</b>	7,97
8705 -	Chain tensioner spring new (for use with existing new type)	2,62
8706 -	<b>Washer and circlip for Chain Tensioner</b>	2,62
<u>Others</u>		
8243 -	<b>Chainring spacers (5 units)</b>	4,03



## Section 25

### **Rohloff SPEEDHUB 500/14 Oils**

Each SPEEDHUB requires an oil change **at least** (depending riding conditions) every 5000 km **or** once per Annum.

Even if oil is lost, the SPEEDHUB will continue to function correctly until the next scheduled oil change.

Leaving an oil change longer than the advised period may cause internal damage to the transmission.

8406 -	Oil of SPEEDHUB 500/14 1 L-Set (All season + Cleaning Oil)	150,25
8406S -	Oil of SPEEDHUB 500/14 1 L-Set (All season + Cleaning Oil)+40x8205	242,02
8409 -	Oil of SPEEDHUB 500/14 250 ml-Set (All season + Cleaning Oil)	52,44
8409S -	Oil of SPEEDHUB 500/14 250 ml-Set (All season + Cleaning Oil)+10x8205	72,61
8410 -	Oil change kit (incl: Cleaning Oil 25 ml/All season Oil 25 ml/ Tube with filling screw 8502/Syringe 8505/Drain screw 8205)	21,18
8411S -	Oil of SPEEDHUB 500/14 25 ml-Set (All seasons + Cleaning Oil)+8205	14,62
8205 -	Drain screw	2,92
8520 -	Drain screw (10 units.)	23,70

## Section 26

### **Axleplates and accessories for Rohloff SPEEDHUB 500/14**

8232 -	Axleplate CC	23,19
8233 -	Axleplate TS	23,19
8233L	Axleplate TS long	23,19
8234 -	Axleplate CC OEM	27,23
8235 -	Axleplate TS OEM	27,23
8235L	Axleplate TS OEM long	27,23

For frames with brake disc mounts of international standard the torque can be supported with the OEM2 Axleplate directly to **the frame. The frame manufacturer must give permission for the use of this axleplate. The use is otherwise at the riders own risk!**

8227 -	Axleplate CC OEM2	27,23
8228 -	Axleplate TS OEM2	27,23
8228L -	Axleplate TS OEM2 long	27,23
8559 -	Axleplate A12 OEM2 (142/148/177 mm)*	42,25

The Rohloff SPEEDBONE or Monkey Bone must be mounted if using a disc brake use simultaneously.

The frame manufacturer must give permission for the use of this torque support method. The use is otherwise at the riders own risk!

8550 -	<b>SPEEDBONE</b>	42,25
8553 -	<b>Monkey Bone 160 mm (IS to PM adapter)</b>	42,25
8554 -	<b>Monkey Bone 180 mm (IS to PM adapter)</b>	42,25

**190/197 mm O.L.D. SPEEDHUB versions will require the additional use of a Rohloff FAT Bone or Monkey Bone -10.**

8553-10 -	<b>Monkey Bone -10 for 160 mm rotors (IS to PM adapter)</b>	59,39
8554-10 -	<b>Monkey Bone -10 for 180 mm rotors (IS to PM adapter)</b>	59,39
8556 -	<b>FAT Bone for 180 mm rotors (for Postmount)</b>	84,20
8557 -	<b>FAT Bone for 203 mm rotors (for Postmount)</b>	84,20

SPEEDHUB torque can be anchored to the frame using a PM axleplate and PM bone for all frames with a Postmount standard brake mount.

The PM Bone is always required in conjunction with a PM axleplate.

8225 -	Axle-plate CC PM (135/170 mm)	44,87
8558 -	Axle-plate A12 PM (142/148/177 mm)*	61,51
8555 -	<b>PM Bone</b>	42,25
8563 -	<b>CC PM Set (Art. #8225+8555) Axle-plate CC PM + PM Bone</b>	85,21
8564 -	<b>A12 PM Set (Art. #8558+8555) Axle-plate A12 PM + PM Bone*</b>	99,83

#### Accessories for Axleplates/torque support

8707 -	<b>Bolt and circlip for locating fork (long torque arm)</b>	3,53
8229 -	Torque Arm Quick Release Head	13,61
8230 -	<b>Torque Arm</b>	37,31
8231 -	Torque Arm screws with washers	5,24
8236 -	<b>Axle-plate Torx screws (6 pcs.)</b>	2,62
8240 -	Torque arm quick release block	39,33
8241 -	Torque arm clamp TS (fits frame diameters up to 25 mm)	4,44
8262 -	<b>Pipe Clamps for Art. #8240</b>	7,06
8263 -	<b>TS Axle nuts (M10 x 1) including washers</b>	5,24
8552 -	<b>OEM2 Adapter for M5 fender/luggage rack bolt (M5)</b>	3,53
8560 -	<b>Support Bolt for Axle-plate OEM2 (M6 - incl. nut + washer)</b>	1,92

#### A12 Mounting hardware

**\*Attention! The dropout measurement kit (Art.#8600) is necessary to calculate the correct reduction sleeves.**

8569 -	<b>A12 axle bolts and Nord-lock® washers (2x bolts/4x washers)</b>	10,29
8574 -	<b>Nord-lock® washers (4x)</b>	8,67
8592 -	A12-Reduction Sleeve left hand	5,04
8593 -	A12-Reduction Sleeve - right-hand - M12x1.75 Threaded	5,04
8594 -	A12-Conical Spacer - left-hand	5,04
8595 -	A12-Reduction Sleeve - right-hand	5,04
8596 -	A12-Spacer - left-hand	5,04
8597 -	A12-Spacer - right-hand	5,04
8598 -	A12-Reduction Sleeve - right-hand - M12x1 Threaded	5,04
8599 -	A12-Reduction Sleeve - right-hand - M12x1.5 Threaded	5,04
8602 -	Washer for A12	0,19

## Section 27

### Service Tools for Rohloff SPEEDHUB 500/14 - Service

Installation of the SPEEDHUB 500/14 will require a TX20 Torx wrench, plus 2 & 3mm hex keys. TS axle nuts require a 15 mm wrench/A12 hubs require a 5 mm Allen wrench. These tools are available all local bicycle & hardware stores. Only the sprocket removal tools are specific Rohloff tools.

To change the oil you will need the filling tube that is included with each hub. A syringe must be ordered separately.

8295e -	Owners Manual Rohloff SPEEDHUB 500/14	5,24
8297 -	Handbuch Rohloff SPEEDHUB 500/14 short multilingual	4,44
8500 -	Toolkit (8508/8504/8410/8713/8506)	87,73
8502 -	Tube with filling screw	3,83
8503 -	Tool for mounting the hub seals	0,00
8504 -	TX20 Torx T-Grip key	15,73
8505 -	Syringe 50 ml	4,44
8506 -	Cable hook for shifter cables (internal gear mech)	27,23
8508 -	Sprocket remover tool for 135/142/170/177 mm hubs incl. A12 adapter/ bolt	31,26
8509 -	Sprocket remover tool for 148/190/197 mm hubs incl. A12 adapter/bolt	31,26
8518 -	Lock-Ring Werkzeug (für 8540L/8540SL)	40,64
8525 -	Touring set (8508/8504/8410)	0,00
8600 -	Rohloff A12 SPEEDHUB 500/14 - Measurement kit	413,45
8713 -	Set of hub/shifter cable measuring aids 165mm + 200mm	6,35
8700 -	Rohloff Service Kit for SPEEDHUB 500/14 - Version 2018	413,45

## Section 28

### Brake Discs for Rohloff SPEEDHUB 500/14

A special Rohloff brake rotor is required (to match your brake type) when using disc brakes. Must be ordered separately!

Mounting bolts are not included with brake rotors. Brake rotors for Magura or Hope systems can also be sourced directly from the manufacturer.

8281 -	Disc Diameter Ø160/t1.8 mm for Shimano, Hayes	50,32
8287 -	Disc Diameter Ø180/t1.8 mm for Shimano, Hayes	56,37
8286 -	Disc Diameter Ø203/t1.8 mm for Shimano, Hayes	56,37
8282 -	Disc Diameter Ø160/t2.0 mm for Magura compatible	50,32
8283 -	Disc Diameter Ø180/t2.0 mm for Magura compatible	56,37
8284 -	Disc Diameter Ø203/t2.0 mm for Magura compatible	56,37
8214 -	Disc rotor mounting bolts (4 units) (included with all DB hub versions)	4,44

## Section 29

### Spokes for Rohloff SPEEDHUB

The SPEEDHUB demands the use of spokes with a 2.9 mm long, burr-free head. Use of other head lengths

or spokes with deformations can result in damage to the spoke hole leading to permanent

damage of the hub flange. The spokes available to the public have been manufactured for the past

20+ years with a head length of 2.9 mm. A few leading spoke manufacturers such as DT Swiss and Sapim have recently changed this

making the 2.9 mm a 'special' spoke. The correct spokes must therefore now be sourced from Rohloff directly or through one of our distributors.

683-L-S	DD-Spokes 2.0/1.8/2.0 (128 mm Single Butted) with 14 mm Secure Lock-Nippels + 2.9 mm neck Silver 37 units. Lengths: 222-282mm + 128/146-154/198mm	24,71
683-L-B	Black 37 units. Lengths: 222-282mm	31,26
683CR-L-S	DD-Spokes 2.0/1.8/2.0 Cut & Roll with 14 mm Secure Lock-Nippels + 2.9 mm neck Silver 37 units. Lengths: 240/270300 mm Cut & Roll	24,71
683CR-L-B	Black 37 units. Lengths: 240/270300 mm Cut & Roll	31,26
8523 -	Flange Support Rings - SPEEDHUB 500/14 (2 x small) SPEEDHUB flange support rings - (2x small) For SPEEDHUBs engraved with 'Made in Germany'	19,16
8524 -	SPEEDHUB flange support rings - (1x small + 1x large) For SPEEDHUBs engraved with 'Made in Germany' (underlined)!	19,16
Montage wiel	Wiel vlechten, rechten, centreren en op spanning brengen (1000Nm)	69,00

## Section 30

### Accessoires

<b>T-Shirts</b>		
6001 to	T-Shirt "Classic", Size S, L, XXL	15,13
6005	(6001 - S, 6003 - L, 6005 - XXL)	
6040 to	T-Shirt "Mach mit", Size S-XXL	15,13
6044	(6040 - S, 6041 - M, 6042 - L, 6043 - XL, 6044 - XXL)	
6050 to	T-Shirt "Rohloff", Size S-XXL	15,13
6054	(6050 - S, 6051 - M, 6052 - L, 6053 - XL, 6054 - XXL)	
6080 to	T-Shirt "SPEEDHUB Champion", Size S-XXL	15,13
6084	(6080 - S, 6081 - M, 6082 - L, 6083 - XL, 6084 - XXL)	
6090 to	T-Shirt "SPEEDHUB XL", Size S-XXL	15,13
6094	(6090 - S, 6091 - M, 6092 - L, 6093 - XL, 6094 - XXL)	
<b>Sportswear (ital. Sizes. Larger proportioned cyclists are advised to order above their normal sizing)</b>		
6060 to	Shirt, Size S - L	60,50
6062	(6060 - S, 6061 - M, 6062 - L)	
6070 to	Cycling Tights M, Size S - L	70,59
6072	(6070 - S, 6071 - M, 6072 - L)	
6076 to	Cycling Shorts F, Size M - L	54,45
6077	(6076 - M, 6077 - L)	
6162 -	Book "Rohloff Stories" (English edition)	15,13

## Section 31

### **Rohloff E-14 for SPEEDHUB 500/14**

#### Spares and Accessories

8801	Rohloff E-14 Switch Unit	36,30
8802	Rohloff E-14 DC/DC-CAN Converter	131,09
8803	Rohloff E-14 Shifter Unit, E-Bike (surcharge/exchange basis - defective E-14 Shifter Unit must be returned)	443,70
8804	Rohloff E-14 DC/DC-Can Converter to Shifter Unit Cable 400 mm	17,65
8805	Rohloff E-14 DC/DC-Can Converter to Shifter Unit Cable 500 mm	17,65
8806	Rohloff E-14 DC/DC-Can Converter to Shifter Unit Cable 600 mm	17,65
8807	Rohloff E-14 DC/DC-Can Converter to Shifter Unit Cable 700 mm	17,65
8808	Rohloff E-14 DC/DC-Can Converter to Shifter Unit Cable 800 mm	17,65
8809	Rohloff E-14 DC/DC-Can Converter to Shifter Unit Cable 900 mm	17,65
8810	Rohloff E-14 DC/DC-Can Converter to Shifter Unit Cable 1000 mm	17,65

Complete E-14 set for conversion of an existing SPEEDHUB equipped Bosch eBike, will only be supplied after dealers have predetermined system compatibility and discussed the necessary process of re-flashing the Bosch eBike software, with the OEM bicycle manufacturer. Proof of software availability (from motor manufacturer) required upon ordering! Please get in touch with us prior to placing your PO for a complete, E-14 system.

Rohloff E-14 E-Bike Complete set (includes Switch Unit 8801, DC/DC-CAN Converter 8802, Shifter Unit 8803, 800mm Connection Cable 8808)

8800-08 Rohloff E-14 Set - eBike version 673,11

Article number suffix for alternative connection cable lengths:

- 04 = 400 mm
- 05 = 500 mm
- 06 = 600 mm
- 07 = 700 mm
- 08 = 800 mm Standard
- 09 = 900 mm
- 10 = 1000 mm

## Section 32

### **Universal Chain riveting tool (bicycle chains - singlespeed to 12-speed)**

2300 -	Riveting tool Rohloff Revolver 3 <b>replacement parts: Rohloff Revolver 3</b>	166,39
2310 -	Spindle 3 standard	27,23
2311 -	Spindle 3 Campa	27,23
2320 -	Revolver 3 body	45,38
2330 -	Revolver 3 breech	65,55
2340 -	Revolver 3 knurled nut	6,05
2350 -	Spring, ball, lock washer	2,92

## Section 33

### **Drivetrain Wear Indicators**

3000 -	Chain Wear Indicator Rohloff Caliber 2	26,22
3100 -	Sprocket Wear Indicator Rohloff HG-Check (for all Shimano sprockets)	26,22

## Section 34

### **Kettingolie - Oil of Rohloff**

4200 -	50ml bottle Rohloff Special Chain Lubricant (Box of 20 x 50ml bottles)	7,06
4202 -	1 liter can Rohloff Special Chain Lubricant	74,62

Voor al uw Rohloff/Gates/wielbouw gerelateerde vragen: 0494/360,372 of [info@koli3.be](mailto:info@koli3.be)