

*Campagnolo*®



1992 ROAD RANGE



# RECORD GROUP



## RECORD RR REAR DERAILLEUR

code **RD-01RE**:

- maximum sprocket: 26
- capacity: 26
- 8 speed - silent operation
- compact type
- parallelogram articulated on self-lubricating bushes
- rollers with ball bearings, adjustable cones and cups



## RECORD FRONT DERAILLEUR

code **FD-01SRE**: braze-on version

code **FD-01FRE**: clip-on version (Ø 28,6 mm)

- capacity: 16
- frontal operation parallelogram
- quick and precise derailment thanks to its particularly stiff structure and absence of clearance



## CHORUS FRONT DERAILLEUR

code **FD-02FCH**: adjustable clip-on version (Ø 29/33)

- capacity: 16
- frontal operation parallelogram
- quick and precise derailment thanks to its particularly stiff structure and absence of clearance
- fixing clip to the adjustable tube, fit for all pipes from 29 to 33 mm thanks to a millimetric adjusting system



## RECORD RR SHIFTING LEVERS

code **SL-01SRE CG** braze-on version

- with index working only
- precision index shifting (no over-shift)
- incorporated cable adjuster with possibility of adjustment while racing
- ergonomic design of the lever for a better grip



## RECORD ERGPOWER CONTROL LEVERS

code **EC-02RE CG**

- index shifting levers incorporated in the brake levers for an easy and total control of the bike in all conditions of use - ergonomics studied and accurate to the minute details - precision index shifting (no over-shift) - possibility to shift up to 8 decreasing gears in one operation - easy to fit and adjust - very reduced weight - better control of the bike thanks to the handgrip of the lever studied in all its details



## RECORD RR HEAD SET

code **HS-01OR** (1") BC 1x24 TPI

- sealed mechanism with O-ring
- featuring lubrication system on both cups
- Selform system
- particularly precise working which assures a long life



## RECORD CRANKSET

code **FC-01RE**

- crank length: 165-167,5-170-172,5-175-177,5-180
- inner chainring: 39-40-41-42
- outer chainring: 52-53-54-55-56
- incorporated extractor
- heat forged crank in aeronautical alloy for a total reliability
- chainrings in special alloy for a long life

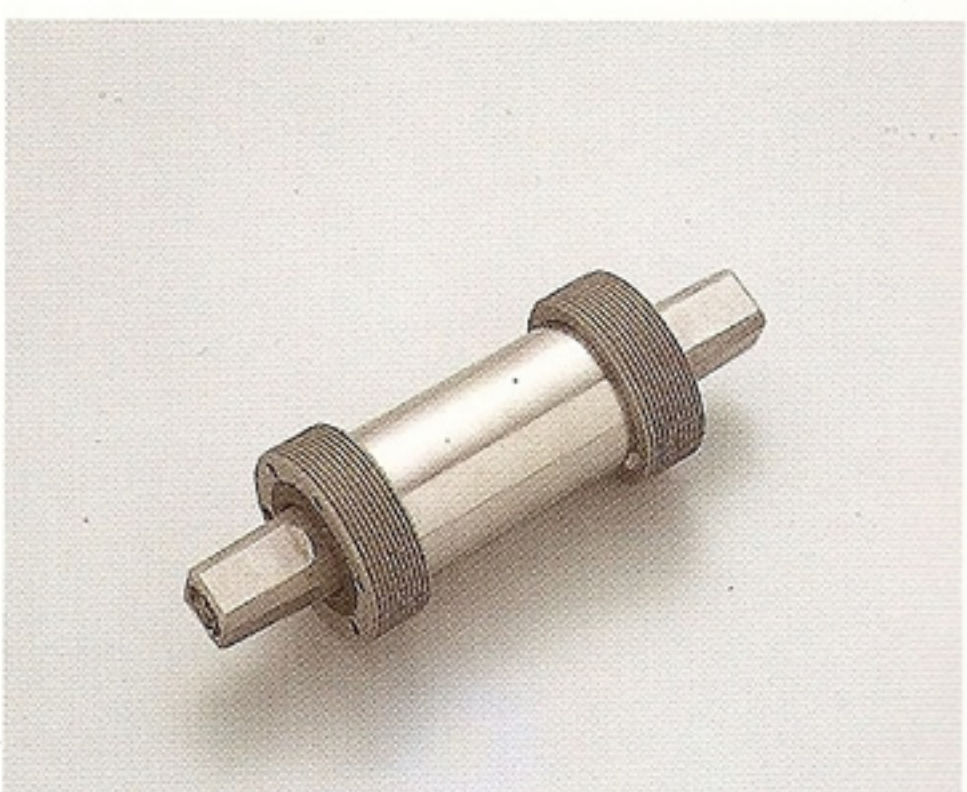


## RECORD BOTTOM BRACKET

code **BB-01RE**: Italian- 36 x 24 TPI

code **BB-03RE**: English- BC1,37 x 24 TPI

- axle length: 111 mm (symmetric type)
- light alloy cups
- balls Ø 7/32"
- micrometric precision of the ball bearings working which assures a long life
- steel axle specially treated at high endurance for the maximum reliability



## CART 111 BOTTOM BRACKET

code **BB-01CART**: Italian- 36 x 24 TPI

code **BB-03CART**: English- BC1,37 x 24 TPI

- axle length: 111 mm
- cartridge type BB unit with sealed bearings
- light alloy cups, in board type
- quickest assembly
- micrometric precision of the ball bearings working which assures a long life
- steel axle specially treated at high endurance for the maximum reliability

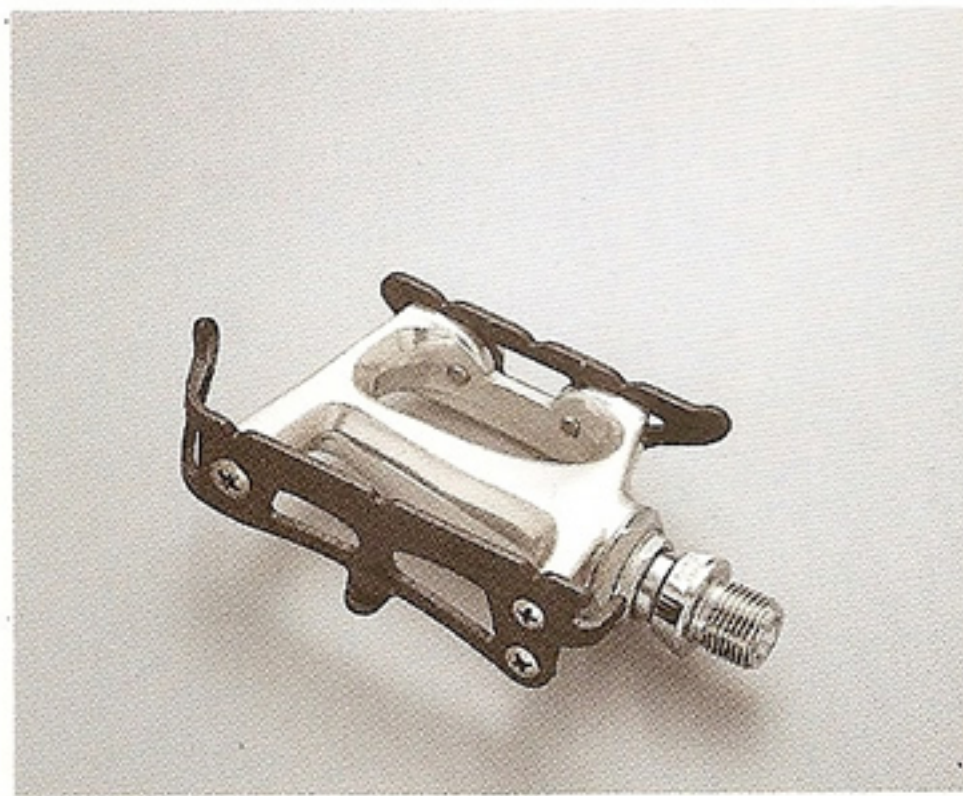




#### RECORD QR PEDALS

code PD-12REQR

- compact type - light weight
- free lateral movement:  $\pm 5^\circ$
- two adjustable cartridge bearings
- adjustable grip tension



#### RECORD TBS PEDALS

code PD-02RE

- TBS (Triple Bearing System): axle movement on triple bearing
- short axle type: compact and aerodynamic shape
- removable cage, hard anodized finishing
- aluminium or steel toe-clips in S, M and L size
- heat forged body



#### RECORD SEAT PILLAR

code SP-RE

- $\varnothing$  length 180 mm: 25-26,2-26,4-26,6-26,8-27-27,2
- $\varnothing$  length 130 mm: 25-26,8-27-27,2
- heat forged stem in aeronautical alloy
- thick chromed brackets



#### RECORD BRAKES

code BR-02RE

- New HP brake blocks with exceptional braking performances in all use conditions
- high precision mechanism with special power with progressive operation for soft brakings
- heat forged aluminium components



#### RECORD BRAKE LEVERS

code BL-02RE CG

- exceptional braking modulation system
- inside straight pull cable system
- quick release opening system incorporated in the lever which in emergency situations, for instance not centered wheels owing to a sudden breaking of the spokes, can be kept opened



#### RECORD HUBS

code HB-00RE: front hub

code FH-00RE: rear hub

- over lock nut dimensions: front 100 mm rear 130 mm
- spoke holes: 28-32-36, small flange
- rear hub with 8 speed cassette freewheelbody
- sealed mechanism with dual lubricant system
- heat forged bodies
- maximum precision working which lengthens hubs life



#### RECORD HUBS

code FH-01RE: rear hub

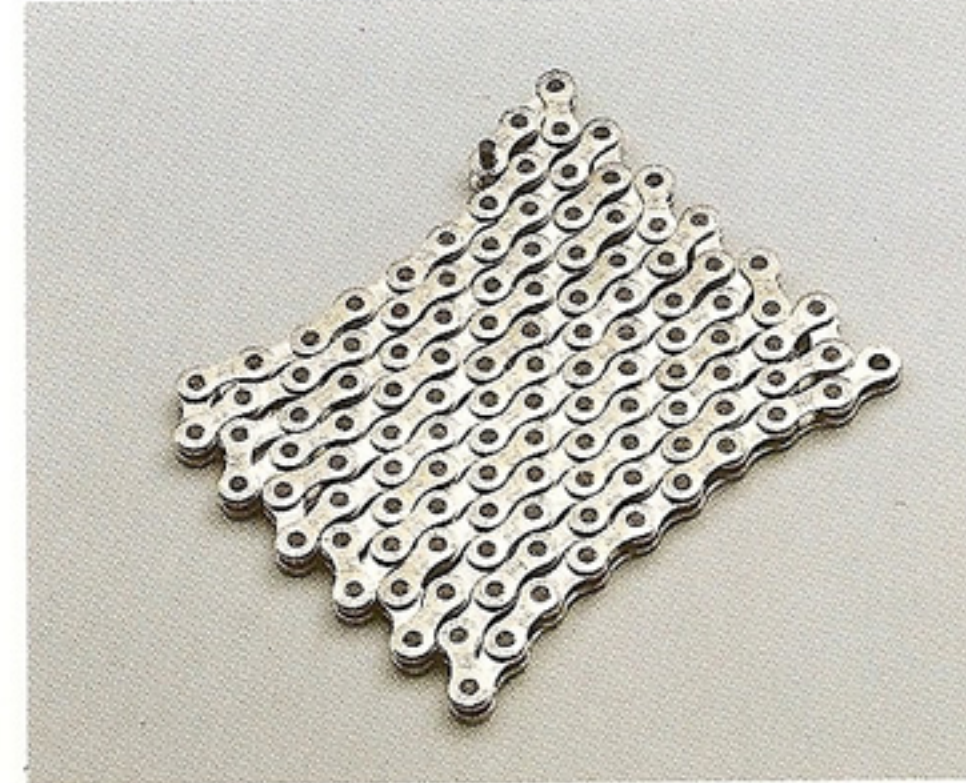
- over lock nut dimensions rear 130 mm
- spoke holes: 28-32-36, small flange
- rear hub with 8 speed cassette freewheelbody
- light weight, in aluminium
- sealed mechanism with dual lubricant system
- heat forged bodies
- maximum precision working which lengthens hubs life



#### LIGHT ALLOY CASSETTE SPROCKETS

code CS-8AL

- available sprockets: 13-14-15-16-17-18-19-20-21-22-23-24
- P.S.: these sprockets are interchangeable with steel sprockets except first position
- maximum reduction of weight (approximately 60% lighter than traditional steel cassette sprockets) using special aluminium alloy to grant reliability and life with a special superficial treatment



#### CONTAX CHAIN

code CN-CA68S

- super narrow chain: 6,85 mm
- optimal flexibility: for quickest shifting and maximum precision
- exceptional performance under load

#### STEEL CASSETTE SPROCKETS

code CS-8S



# CHORUS RS GROUP



## CHORUS RS REAR DERAILLEUR

code RD-01CH

- maximum sprocket: 26
- capacity: 26
- 8 speed
- silent operation
- parallelogram articulated on self-lubricating bushes



## CHORUS FRONT DERAILLEUR

code FD-01SCH: braze-on version

code FD-01FCH: clip-on version (Ø 28,6 mm)

- capacity: 16
- frontal operation parallelogram
- quick and precise derailment thanks to its particularly stiff structure and absence of clearance



## CHORUS FRONT DERAILLEUR

code FD-02FCH: adjustable clip-on version (Ø 29/33mm)

- capacity: 16
- frontal operation parallelogram
- quick and precise derailment thanks to its particularly stiff structure and absence of clearance
- fixing clip to the adjustable tube, fit for all pipes from 29 to 33 mm thanks to a millimetric adjusting system



## RECORD RR SHIFTING LEVERS

code SL-01SRE CG braze-on version

- with index working only
- precision index shifting (no over-shift)
- incorporated cable adjuster with possibility of adjustment while racing
- ergonomic design of the lever for a better grip



## RECORD ERGPOWER CONTROL LEVERS

code EC-02RE CG

- index shifting levers incorporated in the brake levers for an easy and total control of the bike in all conditions of use - ergonomics studied and accurate to the minute details - precision index shifting (no over-shift) - possibility to shift up to 8 decreasing gears in one operation - easy to fit and adjust - very reduced weight - better control of the bike thanks to the handgrip of the lever studied in all its details



## CONTAX HEAD SET

code HS-01CO BC 1x24 TPI

- lower cone with sealed mechanism and SELFORM system
- light weight, in aluminium
- anodized finishing
- particularly precise working which assures a long life



## CHORUS RS CRANKSET

code FC-01CH

- crank length: 170-172,5-175
- inner chainring: 39-40-41-42
- outer chainring: 52-53
- incorporated extractor
- heat forged crank in aeronautical alloy for a total reliability
- chainrings in special alloy for a long life



## CHORUS RS BOTTOM BRACKET

code BB-01CH: Italian- 36 x 24 TPI

code BB-03CH: English- BC1,37 x 24 TPI

- axle length: 111 mm (symmetric type)
- balls Ø 1/4"
- micrometric precision of the ball bearings working which assures a long life
- steel axle specially treated at high endurance for the maximum reliability



## CART 111 BOTTOM BRACKET

code BB-01CART: Italian- 36 x 24 TPI

code BB-03CART: English- BC1,37 x 24 TPI

- axle length: 111 mm
- cartridge type BB unit with sealed bearings
- light alloy cups, in board type
- quickest assembly
- micrometric precision of the ball bearings working which assures a long life
- steel axle specially treated at high endurance for the maximum reliability

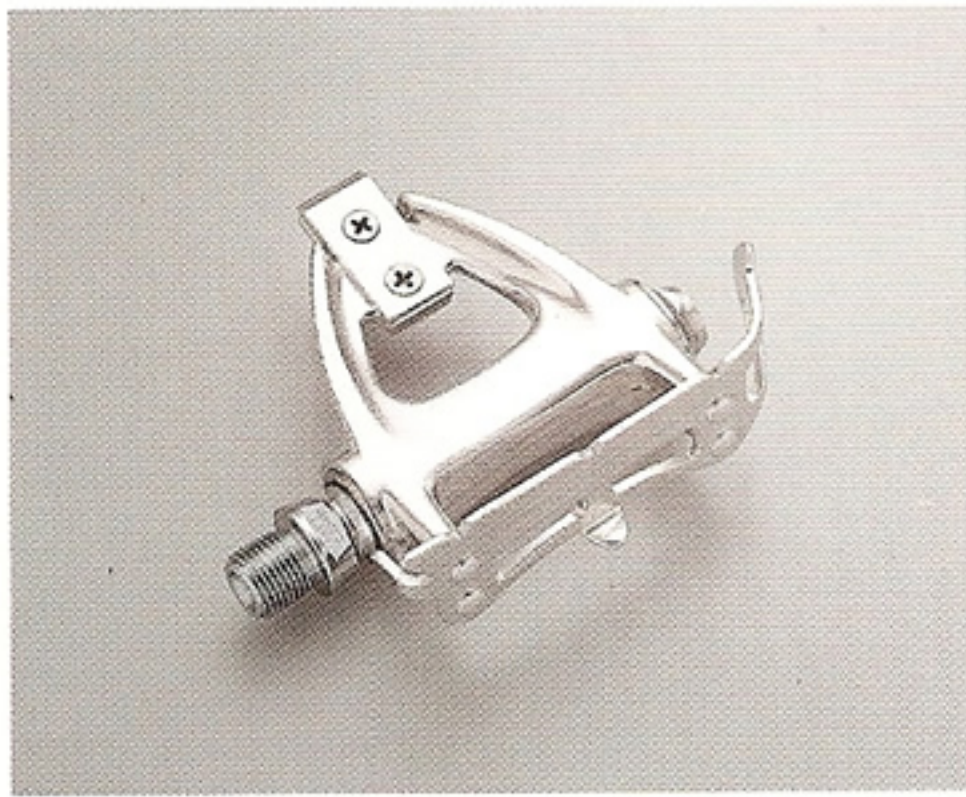




#### CHORUS QR PEDALS

code PD-12CHQR

- compact type - light weight
- free lateral movement:  $\pm 5^\circ$
- adjustable grip tension



#### CHORUS PEDALS

code PD-02CH

- aerodynamic design
- light weight
- adjustable toe-clips available in S, M and L size



#### CHORUS SEAT PILLAR

code SP-CH

- Ø: 25-26,2-26,4-26,6-26,8-27-27,2



#### CHORUS BRAKES

code BR-02CH

- Mono Planer System
- New HP brake blocks: with exceptional braking performances in all use conditions
- aerodynamic design
- insuperable rigidity
- adjusting field 40/51, 5 mm



#### RECORD BRAKE LEVERS

code BL-02CH CG

- exceptional braking modulation system
- inside straight pull cable system
- quick release opening system incorporated in the lever which in emergency situations, for instance not centered wheels owing to a sudden breaking of the spokes, can be kept opened



#### CHORUS RS HUBS

code HB-00CH: front hub

code FH-00CH: rear hub

- over lock nut dimensions: front 100 mm rear 130 mm
- spoke holes: 32-36, small flange
- rear hub with 8 speed cassette freewheelbody
- sealed mechanism with dual lubricant system
- heat forged bodies
- maximum precision working which lengthens hubs life



#### CHORUS RS HUBS

code FH-01CH: rear hub

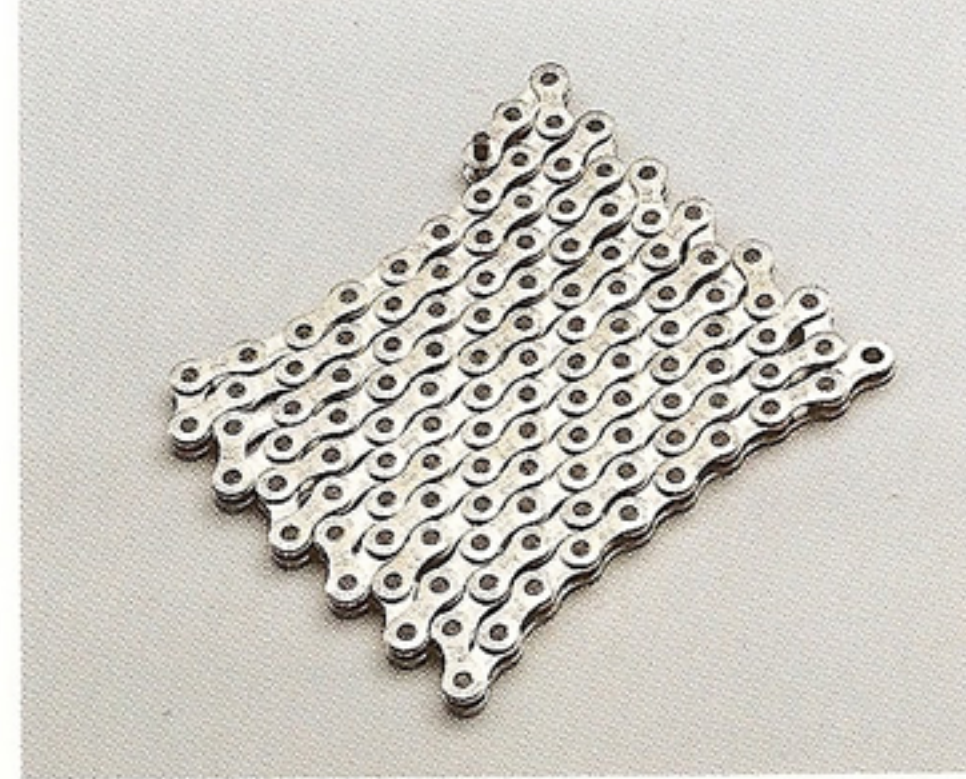
- over lock nut dimensions rear 130 mm
- spoke holes: 32-36, small flange
- rear hub with 8 speed cassette freewheelbody
- light weight, in aluminium
- sealed mechanism with dual lubricant system
- heat forged bodies
- maximum precision working which lengthens hubs life



#### LIGHT ALLOY CASSETTE SPROCKETS

code CS-8AL

- available sprockets: 13-14-15-16-17-18-19-20-21-22-23-24
- P.S.: these sprockets are interchangeable with steel sprockets except first position
- maximum reduction of weight (approximately 60% lighter than traditional steel cassette sprockets) using special aluminium alloy to grant reliability and life with a special superficial treatment



#### CONTAX CHAIN

code CN-CA68S

- super narrow chain: 6,85 mm
- optimal flexibility: for quickest shifting and maximum precision
- exceptional performance under load

#### STEEL CASSETTE SPROCKETS

code CS-8S



# ATHENA RS GROUP



## ATHENA RS REAR DERAILLEUR

code RD-01AT

- maximum sprocket: 26
- capacity: 26
- 8 speed
- silent operation
- parallelogram articulated on self-lubricating bushes



## ATHENA FRONT DERAILLEUR

code FD-01SAT: braze-on version

code FD-01FAT: clip-on version (Ø 28,6 mm)

- capacity: 16
- frontal operation parallelogram
- quick and precise derailment thanks to its particularly stiff structure and absence of clearance



## CHORUS FRONT DERAILLEUR

code FD-02FCH: adjustable clip-on version (Ø 29/33mm)

- capacity: 16
- frontal operation parallelogram
- quick and precise derailment thanks to its particularly stiff structure and absence of clearance
- fixing clip to the adjustable tube, fit for all pipes from 29 to 33 mm thanks to a millimetric adjusting system



## ATHENA RS SHIFTING LEVERS

code SL-01SAT CG: braze-on version

- with index working only
- precision index shifting (no over-shift)
- incorporated cable adjuster with possibility of adjustment while racing
- ergonomic design of the lever for a better grip



## RECORD ERGPOWER CONTROL LEVERS

code EC-02RE CG

- index shifting levers incorporated in the brake levers for an easy and total control of the bike in all conditions of use - ergonomics studied and accurate to the minute details - precision index shifting (no over-shift) - possibility to shift up to 8 decreasing gears in one operation - easy to fit and adjust - very reduced weight - better control of the bike thanks to the handgrip of the lever studied in all its details



## ATHENA RS HEAD SET

code HS-01AT BC 1x24 TPI

- lower cone with sealed mechanism and SELFORM system
- light weight, in aluminium
- anodized finishing
- particularly precise working which assures a long life



## ATHENA RS CRANKSET

code FC-01AT

- crank length: 170-172,5-175
- inner chainring: 39-40-41-42
- outer chainring: 52-53
- heat forged crank in aeronautical alloy for a total reliability
- chainrings in special alloy for a long life



## ATHENA RS BOTTOM BRACKET

code BB-01AT: Italian- 36 x 24 TPI

code BB-03AT: English- BC1,37 x 24 TPI

- axle length: 111 mm (symmetric type)
- balls Ø 1/4"
- micrometric precision of the ball bearings working which assures a long life
- steel axle specially treated at high endurance for the maximum reliability



## CART 111 BOTTOM BRACKET

code BB-01CART: Italian- 36 x 24 TPI

code BB-03CART: English- BC1,37 x 24 TPI

- axle length: 111 mm
- cartridge type BB unit with sealed bearings
- light alloy cups, in board type
- quickest assembly
- micrometric precision of the ball bearings working which assures a long life
- steel axle specially treated at high endurance for the maximum reliability

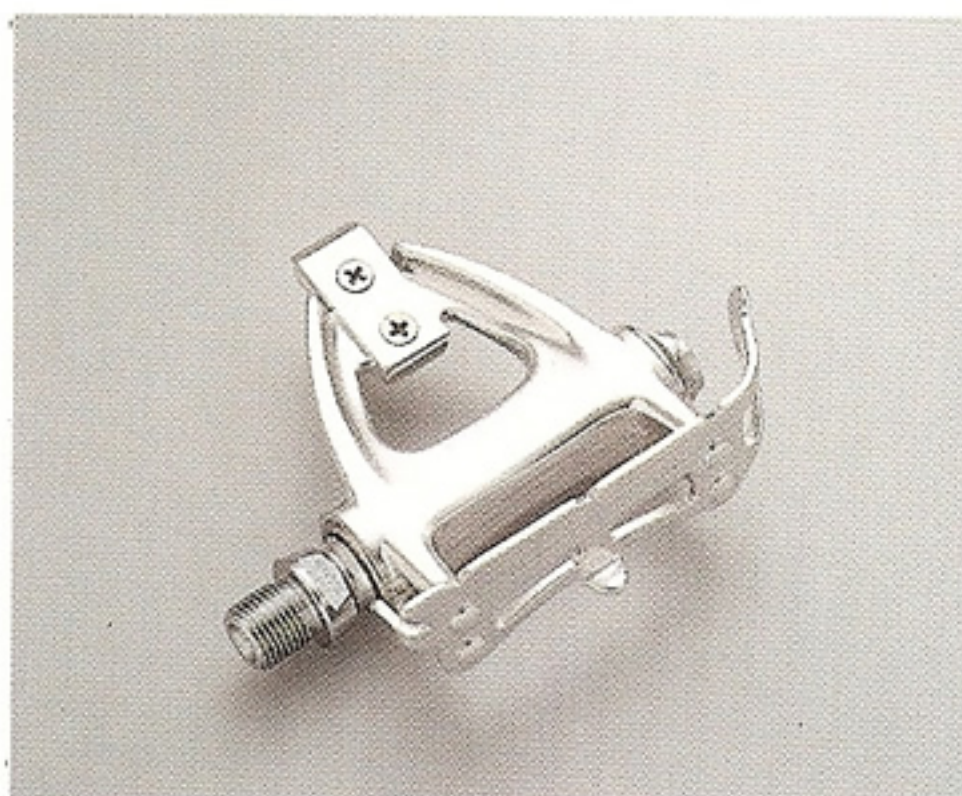




#### ATHENA QR PEDALS

code PD-12ATQR

- compact type - light weight
- free lateral movement:  $\pm 5^\circ$
- adjustable grip tension



#### CHORUS PEDALS

code PD-02CH

- aerodynamic design
- light weight
- adjustable toe-clips available in S, M and L size



#### ATHENA RS SEAT PILLAR

code SP-AT

- Ø: 25-26,2-26,4-26,6-26,8-27-27,2



#### ATHENA BRAKES

code BR-02AT

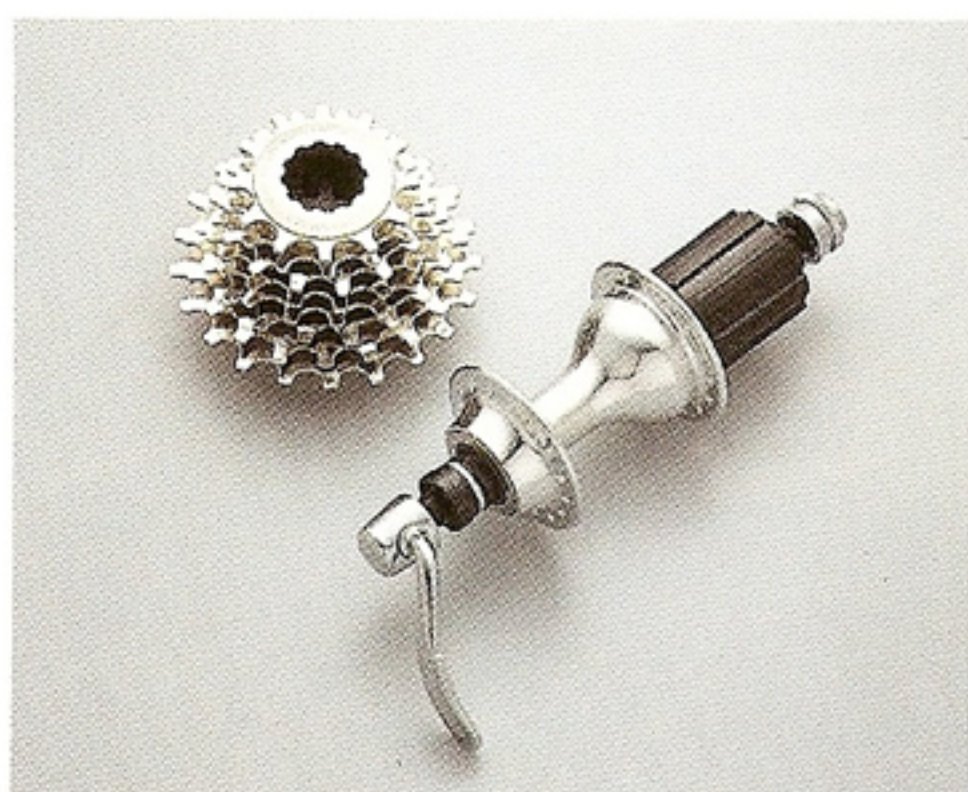
- Caliper type
- New HP brake blocks: with exceptional braking performances in all use conditions
- aerodynamic design
- light weight type
- adjusting field 40/51, 5 mm



#### ATHENA BRAKE LEVERS

code BL-02AT CG

- exceptional braking modulation system
- inside straight pull cable system
- quick release opening system incorporated in the lever which in emergency situations, for instance not centered wheels owing to a sudden breaking of the spokes, can be kept opened



#### ATHENA RS HUBS

code HB-00AT: front hub

code FH-00AT: rear hub

- over lock nut dimensions: front 100 mm rear 130 mm
- spoke holes: 32-36, small flange
- rear hub with 8 speed cassette freewheelbody
- heat forged bodies
- maximum precision working which lengthens hubs life

#### STEEL CASSETTE SPROCKETS

code CS-8S

- standard combinations:

11/12/13/14/15/16/17/18

11/12/13/14/15/17/19/21

11/12/13/15/17/19/21/23

12/13/14/15/16/17/18/19

12/13/14/15/16/17/19/21

12/13/14/15/17/19/21/23

12/13/14/16/18/21/24/28

13/14/15/16/17/18/19/21

13/14/15/16/17/19/21/23

13/14/15/17/19/21/23/26

13/14/16/18/20/23/26/30

13/14/16/18/21/24/28/32

14/15/16/17/18/20/22/24

A revolutionary new design incorporating three different tooth profiles onto each sprocket will guarantee precise chain engagement and smooth shifting.

- possibility of combinations at customer's choice without limitations

- perfect interfacing among sprocket, chain, chain-ring, for quick and precise changes, which increases the life of the transmission system



#### CONTAX CHAIN

code CN-CA68S

- super narrow chain: 6,85 mm
- optimal flexibility: for quickest shifting and maximum precision
- exceptional performance under load



# OPTIONALS



## TANDEM CRANKSET

code **FC-01TDIC**

- crank length: 170-175
- steel inner chainring: 28-30-32
- steel medium chainring: 40-42
- aluminium outer chainring: 50-52
- the crankset is compatible with all road and ATB bottom brackets

## TANDEM HUBS

code **HB-00TD**: front hub

code **FH-00TD**: rear hub

- over lock nut dimensions: front 100 mm rear 140 mm
- spoke holes: 32-36-40-48, large flange
- rear hub with 8 speed cassette freewheelbody expressly studied for tandem
- increased axles
- increased ball bearings
- increased flanges
- it employs the same 8 speed sprocket blocks of the road and ATB versions



## ICARUS TG TRIPLE CRANKSET

code **FC-01ICTG**

- inner chainring: 28-30-32 aluminium type
- medium chainring: 40-42 aluminium type
- outer chainring: 50-52 aluminium type
- crank length: 170-175
- compatible with Record, Chorus RS, Athena RS
- bottom bracket and with cartridge bottom bracket code **BB-01/03 CART**
- low profile and super compact

Icarus TG crankset is destined for the utilization on road or Touring bikes and it requires the use of off-road Record OR-Icarus-Centaur VS rear derailleurs and off-road Record OR front derailleur

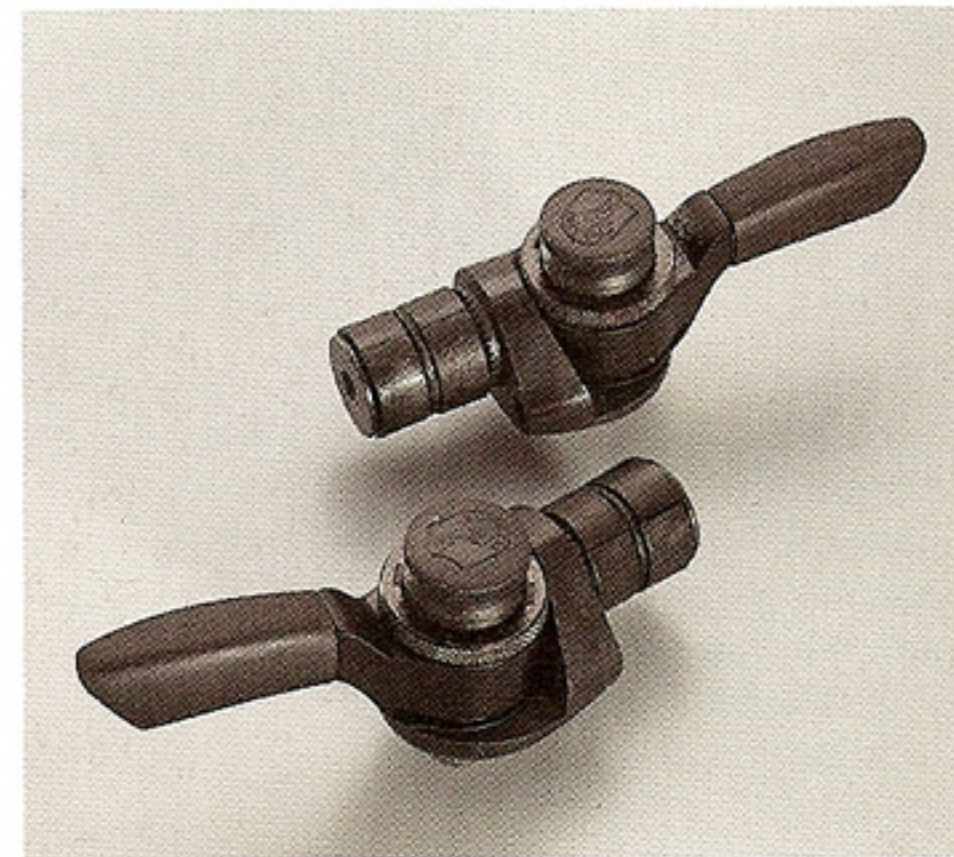


## ATHENA TG TRIPLE CRANKSET

code **FC-01ATTG**

- inner chainring: 30-32
- medium chainring: 40-42
- outer chainring: 50-52
- crank length: 170-172,5
- compatible with Centaur bottom bracket code **Q0H0**

Athena TG crankset is destined for the utilization on road or Touring bikes and it requires the use of off-road Record OR-Icarus-Centaur VS rear derailleurs and off-road Record OR front derailleur



## ICARUS BAR END SHIFTING LEVERS

code **SL-02BE CG**

- rear and front derailleur shifting levers with index/friction mode switch
- 8 speed
- compatible with Record, Chorus RS, Athena RS, Record OR, Icarus, Centaur VS rear derailleurs