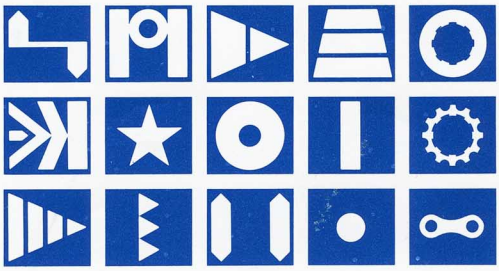
Campagnolo®

# ANAHEIM 1990



# XENON





XENON. The Xenon group offers the technical characteristics of the groups positioned higher in Campagnolo's line, while being affordable to a wider market. Xenon is designed for a racing bike, either custom or production.
It is strong, light and reliable in any situation and has the typical Campagnolo quality and performance.
The longitudinal and transversal rigidity of the caliper arms along with the quick release being mounted on the brake levers, will guarantee the safety of the brakeset. An optional kit containing a triple chainring crankset and Olympus front and rear derailleurs can transform the racing bicycle into a touring bicycle.
Xenon is also available in a black finish in which certain components have been treated to provide extreme resistance to all environmental conditions.



| XENON | STANDARD ● | BLACK ○ |
|---|---|---|
| **FRONT CHANGER** | | |
| CLIP-ON FIXED ○ | CLIP-ON ADJUSTABLE ○ | BRAZE-ON ● |
| **SHIFT LEVERS** | | |
| SYNCRO 7 SPEED | CLIP-ON ○ | BRAZE-ON ● |

**HUBS**

| | REAR WIDTH | | | HOLES | | SPEED | SMALL FLANGE |
|---|---|---|---|---|---|---|---|
| | 126,5 | 130 | 135 | 32 | 36 | 7 | |
| STANDARD ● | ○ | ○ | | ○ | ○ | ○ | ○ |
| CASS. HUB ○ | | ● | ○ | ○ | ● | ● | ● |

**CHAINWHEEL**

| | | | | | | |
|---|---|---|---|---|---|---|
| CRANKS LENGHT | 170 ● | 172,5 ○ | | | | |
| INNER CHAINRING | 28 ○ | 30 ○ | 34 ○ | | | |
| CENTRAL CHAINRING | 39 ○ | 40 ○ | 41 ○ | 42 ● | 43 ○ | |
| OUTER CHAINRING | 50 ○ | 51 ○ | 52 ● | 53 ○ | | |

**BOTTOM BRACKET**

| | | | |
|---|---|---|---|
| B.B. WIDTH | mm 68 ○ | 70 ○ | |

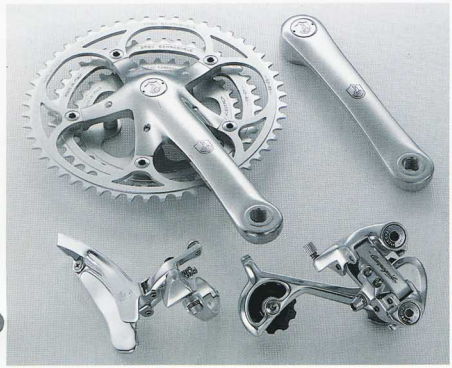
**SEAT PIN**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| LENGHT | 130 ○ | 180 ● | | | | | |
| ø | 25 ○ | 26,2 ○ | 26,4 ○ | 26,6 ○ | 26,8 ○ | 27 ○ | 27,2 ● |

● = STANDARD ○ = OPTIONAL

# ATHENA





ATHENA. Within the competition oriented groups, Athena is a viable alternative to Campagnolo's top of the line products. The technical characteristics of each component are the results of extensive laboratory as well as field testing.
The versatility of the rear derailleur integrates two patented systems: the «Lateral Operating System» which improves the transversal movement making chain engagement more positive, and the «Multi Function System» which thanks to five different positions, allows the inclination of the rear derailleur to be varied depending upon the freewheel size.
Due to the computer designed caliper arms, any vibration or play has been eliminated without compromising safety. The brake levers feel smooth and precise due to the specially calibrated spring. They also feature a quick release mechanism which may be operated without any loss of braking power.
The Athena group may be furnished with a triple crankset which should be used in conjunction with the Centaur front derailleur and Centaur long cage rear derailleur. This combination will transform the Athena group into an ideal touring group.
Athena is also available in the new graphite finish.



| ATHENA | STANDARD ● | GRAPHITE ○ |
|---|---|---|
| **FRONT CHANGER** | | |
| CLIP-ON FIXED ○ | CLIP-ON ADJUSTABLE ○ | BRAZE-ON ● |
| **SHIFT LEVERS** | | |
| SYNCRO 7 SPEED | CLIP-ON ○ | BRAZE-ON ● |

| **HUBS** | REAR WIDTH | | | HOLES | | SPEED | SMALL FLANGE |
|---|---|---|---|---|---|---|---|
| | 126,5 | 130 | 135 | 32 | 36 | 7 | |
| STANDARD ● | ○ | ○ | | ○ | ○ | ○ | ○ |
| CASS. HUB ○ | | ● | ○ | ○ | ● | ● | ● |

| **CHAINWHEEL** | | | | | | |
|---|---|---|---|---|---|---|
| CRANKS LENGHT | 170 ● | 172,5 ○ | | | | |
| INNER CHAINRING | 28 ○ | 30 ○ | 34 ○ | | | |
| CENTRAL CHAINRING | 39 ○ | 40 ○ | 41 ○ | 42 ● | 43 ○ | |
| OUTER CHAINRING | 50 ○ | 51 ○ | 52 ● | 53 ○ | | |

| **BOTTOM BRACKET** | | | |
|---|---|---|---|
| B.B. WIDTH | mm 68 ○ | 70 ○ | |

| **SEAT PIN** | | | | | | | |
|---|---|---|---|---|---|---|---|
| LENGHT | 130 ○ | 180 ● | | | | | |
| ø | 25 ○ | 26,2 ○ | 26,4 ○ | 26,6 ○ | 26,8 ○ | 27 ○ | 27,2 ● |

● = STANDARD ○ = OPTIONAL

# CHORUS





CHORUS. Due to the versatility it offers, Chorus has become Campagnolo's most popular group. Chorus is well suited for all types of today's bicycles, whether they be for competition, touring, or recreation. The new planned gear, preset for 8 speed, has the same technical features as the one of the Record version which is used by professional riders only.
The best syncronization for rapid and precise shifting is guaranteed by the use of Campagnolo's eight speed cassette hub and freewheel with the Syncro shifting lever.
The Chorus brakes have also been equipped with brakepads and holders which have been borrowed from the Record group. The brake levers offer a quick release which can be operated without removing your hands from the handlebars.
The patented «Selform» system is included with the Chorus headset. This exclusive and innovative system will absorb road shock and prolong the useful life of the headset. Chorus is also available in the elegant and durable graphite finish.



| CHORUS | STANDARD ● | GRAPHITE ○ |
|---|---|---|
| GEAR | 7 SPEED ○ | 8 SPEED ● |
| FRONT CHANGER | | |
| FIXED CLIP-ON ○ | CLIP-ON ADJUSTABLE ○ | BRAZE-ON ● |
| SHIFT LEVERS | CLIP-ON | BRAZE-ON |
| FRICTION 7 SPEED | ○ | ○ |
| SYNCRO 7 SPEED | ○ | ○ |
| SYNCRO 8 SPEED | ○ | ● |

| HUBS | REAR WIDTH | | | HOLES | | SPEED | | SMALL FLAN. |
|---|---|---|---|---|---|---|---|---|
| | 126,5 | 130 | 135 | 32 | 36 | 7 | 8 | |
| STANDARD ○ | ○ | ○ | | ○ | ○ | ○ | | ○ |
| CASS. HUB ● | | ● | ○ | ○ | ● | | ● | ● |

| CHAINWHEEL | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 170 | | 172,5 | | 175 | | | | | | | | | | |
| CRANKS LENGHT | ● | | ○ | | ○ | | | | | | | | | | |
| | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 |
| INN. RING | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | | | | | | | |
| OUT. RING | | | | | | | | | | ○ | ○ | ○ | ○ | ● | ○ | ○ |

| BOTTOM BRACKET | | | |
|---|---|---|---|
| B.B. WIDTH | mm 68 ○ | 70 ○ | |
| SEAT PIN | | | |
| LENGHT | 130 ○ | 180 ● | |
| ø | 25 | 26,2 | 26,4 | 26,6 | 26,8 | 27 | 27,2 |
| | ○ | ○ | ○ | ○ | ○ | ○ | ● |

● = STANDARD ○ = OPTIONAL

# CROCE D'AUNE





CROCE D'AUNE. A competition oriented group derived from over fifty years of cycling experience and confirmed by the most prestigious racing fields.
Croce d'Aune is comprised of several components which put the group into a class of its own. A new eight speed rear derailleur and cassette hub with patented Campagnolo cogs make perfectly integrated shifting remarkably easy. The entire system is orchestrated from the new Syncro indexing lever. Besides being safe and reliable, the braking system has been made even more powerful and easy to modulate due to an improved internal mechanism.
The brake levers offer the possibility of internally routed cables and have the quick release control buttons conveniently located within the reach of the riders hand. This allows for the quick opening of the brake caliper without removing your hand from the handlebars, as well as no loss of braking power.
The Croce d'Aune group is also available in a graphite version. This finish is extremely durable and provides an aesthetically pleasing look which will complement any of the various color choices of today's bicycles.



| CROCE D'AUNE | STANDARD ● | GRAPHITE ○ |
|---|---|---|
| **FRONT CHANGER** | | |
| FIXED CLIP-ON ○ | CLIP-ON ADJUSTABLE ○ | BRAZE-ON ● |
| **SHIFT LEVERS** | | |
| | CLIP-ON | BRAZE-ON |
| SYNCRO 8 SPEED | ○ | ● |

**HUBS**

| | REAR WIDTH | | | HOLES | | SPEED | | SMALL FLAN. |
|---|---|---|---|---|---|---|---|---|
| | 126,5 | 130 | 135 | 32 | 36 | 7 | 8 | |
| STANDARD | ○ | ○ | | ○ | ○ | ○ | | ○ |
| CASS. HUB | ● | ● | ○ | ○ | ● | | ● | ● |

**CHAINWHEEL**

| | 170 | 172,5 | 175 |
|---|---|---|---|
| CRANKS LENGHT | ● | ○ | ○ |

| | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| INN. RING | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | | | | | | | |
| OUT. RING | | | | | | | | | | ○ | ○ | ○ | ○ | ● | ○ | ○ |

| **BOTTOM BRACKET** | | | |
|---|---|---|---|
| B.B. WIDTH | mm 68 ○ | 70 ○ | |
| **SEAT PIN** | | | |
| LENGHT | 130 ○ | 180 ● | |

| | 25 | 26,2 | 26,4 | 26,6 | 26,8 | 27 | 27,2 |
|---|---|---|---|---|---|---|---|
| ø | ○ | ○ | ○ | ○ | ○ | ○ | ● |

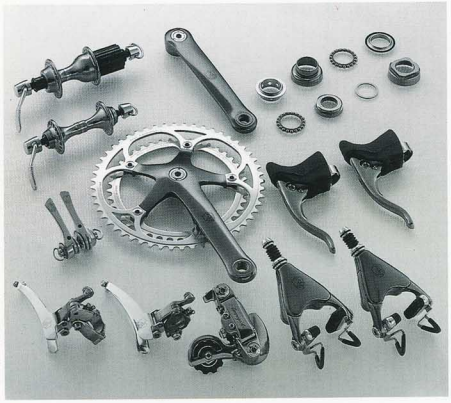
● = STANDARD ○ = OPTIONAL

# RECORD





RECORD. Imitated by many, but never successfully copied, Record remains the premier group in Campagnolo's line. It is the group of choice by professional racers, frame building specialists, and knowledgeable riders alike.
The continuous refinements and improvements to this group, which are the result of racing experiences from the world's most famous champions, make the Record group unique in today's marketplace. One of Campagnolo's most innovative and eagerly awaited systems is now available in the Record group.
A revolutionary new design, incorporating three different tooth profiles onto each cog, will guarantee precise chain engagement and smooth, reliable shifts. Thanks to the elongation of the internal arms, the Delta brakes progressive action has now been made smoother and more powerful, guarantying performance in any situation.
For the Campagnolo aficionado who desires something a little more exotic, the Record group is also available in the new and totally unique Century finish. A special anodization treatment gives the component a darker finish which provides a dramatic impact on any bicycle.



| RECORD | STANDARD ● | CENTURY ○ |
|---|---|---|
| **FRONT CHANGER** | | |
| FIXED CLIP-ON ○ | CLIP-ON ADJUSTABLE ○ | BRAZE-ON ● |
| **SHIFT LEVERS** | | |
| SYNCRO 8 SPEED | CLIP-ON ○ | BRAZE-ON ● |

**HUBS**

| | REAR WIDTH | | | HOLES | | SPEED | | FLANGE | |
|---|---|---|---|---|---|---|---|---|---|
| | 126,5 | 130 | 135 | 32 | 36 | 7 | 8 | SMALL | LARGE |
| STANDARD | ○ | ○ | | ○ | ○ | ○ | | ○ | ○ |
| CASS. HUB | ● | ● | ○ | ○ | ● | | ● | ● | |

**CHAINWHEEL**

| | 165 | 167,5 | 170 | 172,5 | 175 | 177,5 | 180 |
|---|---|---|---|---|---|---|---|
| CRANKS LENGHT | ○ | ○ | ● | ○ | ○ | ○ | ○ |

| | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| INNER CHAINRING | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | | | | | | | | | | |
| OUTER CHAINRING | | | | | | | | | | ○ | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ |

**BOTTOM BRACKET**

| B.B. WIDTH | mm 68 ○ | 70 ○ |
|---|---|---|

**SEAT PIN**

| LENGHT | 130 ○ | 180 ● |
|---|---|---|

| ø | 25 | 25,8 | 26 | 26,2 | 26,4 | 26,6 | 26,8 | 27 | 27,2 |
|---|---|---|---|---|---|---|---|---|---|
| | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● |

● = STANDARD ○ = OPTIONAL

# RECORD PISTA





The Pista RECORD group is based on the same mechanical and aesthetic principles as the Strada version.
The RECORD components were all designed for record bicycles.
All greatest recordmen have used Campagnolo technology for track events. A technology of great traditions projected toward the future and towards records.
The Record track group is also available in a Keirin version. The Keirin speciality, born and developed in Japan is now becoming popular all over the world. In order for components and bicycles to be used in the Keirin Velodrome in Japan they must bear the NJS mark. Our Keirin components have been officially approved to be used in the Japanese Keirin Velodrome circuit, and bear the official NJS mark. This mark certifies that the standards of quality demanded of the components used for Keirin are met. The speed and power developed by these riders require components that are special. In fact, even special threadings for hubs, bottom bracket, crankarms, pedals and headsets, must be used in order to guarantee interchangeability with other existing equipments.
In addition to meeting the standards required by NJS, the Campagnolo Keirin components are particularly appreciated for the lightness and reliability of their alloys. Campagnolo's rigid quality control guarantees the constant respect of the safety standards required by the Keirin Board.

## RECORD KEIRIN «NJS APPROVED»

**HUBS**

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LARGE FLANGE ● | REAR WIDTH | | | | | | | 110 ○ | 120 ● | | | |
| | HOLES | | | | | | | 36 ○ | | | | |

**CHAINWHEEL**

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CRANKS LENGHT | 165 ○ | 167,5 ○ | 170 ● | 172,5 ○ | 175 ○ | 177,5 ○ | 180 ○ | | | | | |
| CHAINRING | 44 ○ | 45 ○ | 46 ○ | 47 ○ | 48 ● | 49 ○ | 50 ○ | 51 ○ | 52 ○ | 53 ○ | 54 ○ | |

**BOTTOM BRACKET**

| | | |
|---|---|---|
| B.B. WIDTH | 68 mm ● | |

**SEAT PIN**

| | | | |
|---|---|---|---|
| LENGHT | 180 ● | | |
| ø | 26,8 ○ | 27 ○ | 27,2 ● |

● = STANDARD ○ = OPTIONAL

## RECORD PISTA

**HUBS**

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| STANDARD ○ | | | | | | | | | | | | |
| LARGE FLANGE ● | REAR WIDTH | | | | | | | 110 ○ | 120 ● | | | |
| | HOLES | | | | | | | 24 ○ | 28 ○ | 32 ○ | 36 ● | |

**CHAINWHEEL**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| CRANKS LENGHT | 165 ○ | 167,5 ○ | 170 ● | 172,5 ○ | 175 ○ | 177,5 ○ | 180 ○ |
| CHAINRING | 42-70 ○ | | 48 ● | | | | |

**BOTTOM BRACKET**

| | | |
|---|---|---|
| B.B. WIDTH | 68 mm ○ | 70 mm ● |

**SEAT PIN**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| LENGHT mm | 130 ○ | 180 ● | | | | | | | |
| ø | 25 ○ | 26,2 ○ | 26,4 ○ | 26,6 ○ | 26,8 ○ | 27 ○ | 27,2 ● | 27,4 ○ | |

● = STANDARD ○ = OPTIONAL

# THEMIS





THEMIS is a new touring group which Campagnolo is proud to add to the existing competition line of Olympus, Centaur and Euclid.
Technologically, the Themis group will provide similar performance as our competition groups, but at a quality to price ratio more accessible to all. The versatility of these components will allow for the assembly on various types of bicycles such as the city bike, touring bike or hybrid bike. Depending upon the intended use of the bicycle, Themis can be specified with a variety of component combinations such as two rear derailleur sizes, bullet shifter or bar end controls, cassette hub or chain and freewheel. The rear derailleur is available in either medium or long cage versions. The front derailleur is available in three clamp sizes. The indexed seven speed shifting system will come with either the Themis bullet with foam grips or bar end control levers. The cantilever brakes will come with specially designed hybrid brake levers which will ensure proper braking performance.
Hubs are either the traditional threaded type for use with the Campagnolo approved Regina chain and freewheel or the new seven speed cassette hub made in Campagnolo. The headset will be offered in 1", $1^{1}/_{8}$", $1^{1}/_{4}$" versions and the seatpost will be either a 180 mm fluted type or 280 mm cylindrical type. Because of the flexible nature of the Themis group, it is a group which is ideally suited for many of todays bicycle.
It will satisfy any amateur or professional needs and offer the safety and reliability typical of all Campagnolo products.

| THEMIS | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **GEAR** | LG ● | | | MD ○ | | | | | | | | |
| **FRONT CHANGER** | | | | | | | | | | | | |
| FIXED CLIP-ON ● | CLIP-ON ADJUSTABLE ○ | | | CLIP-ON FOR TUBES 35÷36 ○ | | | | | | | | |
| **SHIFT LEVERS** | | BULLET THEMIS | | BULLET ATB | | BAR-END | | SYNCRO CLIP-ON | | SYNCRO BRAZE-ON | | |
| 7 SPEED | | ● | | | | | | | | | | |
| 7/8 SPEED | | | | ○ | | ○ | | ○ | | ○ | | |
| **HUBS** | | REAR WIDTH | | | | HOLES | | | | SPEED | | |
| | | 126,5 | 130 | 135 | | 32 | 36 | 28 | (front) | 7 | 8 | |
| XENON | ● | ● | ○ | | | ○ | ● | | | ● | | |
| OLYMPUS | ○ | ○ | ○ | ○ | | ○ | ○ | ○ | | ○ | | |
| CASS. HUB | ○ | | ○ | ○ | | ○ | ○ | | | | ○ | |
| **FREEWHEEL** | REGINA 7 SPEED ● | | | | CAMPAGNOLO 8 SPEED ○ | | | | | | | |
| **CHAINWHEEL** | | | | | | | | | | | | |
| CRANKS WENGHT | | | 170 ● | | 175 ○ | | | | | | | |
| INNER CHAINRING | | | 24 ○ | | 26 ● | 28 ○ | | 30 ○ | | 34 ○ | | |
| CENTRAL CHAINRING | | | 36 ● | | 38 ○ | 40 ○ | | 42 ○ | | | | |
| OUTER CHAINRING | | | 46 ● | | 48 ○ | 50 ○ | | 52 ○ | | | | |
| **SEAT PIN** | | | | | | | | | | | | |
| LENGHT mm | | 180 XENON ● | | | | | 280 OLYMPUS ○ | | | | | |
| | 25 | 26,2 | 26,4 | 26,8 | 27 | 27,2 | | | | | | |
| ø | ○ | ○ | ○ | ○ | ○ | ● | | | | | | |
| **BRAKE** | CANTILEVER OLYMPUS ● | | | | | CANTILEVER EUCLID ○ | | | | CALIPER ○ | | |
| **BRAKE LEVERS** | OLYMPUS ● | | | HYBRID ○ | | | | | | | | |
| **HEADSET** | XENON ● | OLYMPUS STAND. ALU. ○ | | | | OLYMPUS STAND. STEEL ○ | | | | | | |
| | OLYMPUS 1.1/4" ○ | | | OLYMPUS 1.1/8" ○ | | | | | | | | |

● = STANDARD ○ = OPTIONAL

# OLYMPUS





OLYMPUS. Olympus is the newest mountain bike group from Campagnolo. This is a group which will fit well on any of the various medium to high end frames on the market today. The rear derailleurs are available in either long or medium cage lengths and are also suitable for eight speed use. The front derailleurs are available with a standard, adjustable or oversized clamp. A standard steel headset is supplied with this group, but an aluminum or oversized aluminum may be specified as well.
Seatposts are available in either 280 or 350 mm lengths, aluminum or cromoly and in a variety of sizes. Olympus is also available with the recently patented system consisting of front derailleur, rear derailleur and Bullet shifting. This represents the perfect ergonomic solution between the rider and his bicycle. The internal mechanism is indexed, which guarantees fast, precise and reliable shifting under any circumstance. This revolutionary new system has been extremely well received by racers and specialists alike.
For those who prefer the use of drop style handlebars, an indexing bar end control is also available. When this style of bar is used a specially modified Campagnolo brake lever should be used to ensure the proper performance of the Cantilever brakes.

| OLYMPUS | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **GEAR** | MD ○ | | | LG ● | | | | | | | | |
| **FRONT CHANGER** | | | | | | | | | | | | |
| FIXED CLIP-ON ● | CLIP-ON ADJUSTABLE ○ | | | | | | CLIP-ON FOR TUBES 35÷36 ○ | | | | | |
| **SHIFT LEVERS** | SYNCRO ATB ○ | | | | BULLET ● | | | | | | | |
| **HUBS** | | REAR WIDTH | | | | HOLES | | | | | SPEED | |
| | | 126,5 | 130 | 135 | | 32 | 36 | 28 | (front) | | 7 | 8 |
| STANDARD ● | | ○ | ○ | ● | | ○ | ● | ○ | | | ● | |
| CASS. HUB ○ | | | ○ | ○ | | ○ | ○ | | | | | ○ |
| **CHAINWHEEL** | | | | | | | | | | | | |
| CRANKS LENGHT | | | 170 ● | | 175 ○ | | | | | | | |
| INNER CHAINRING | | | 24 ○ | 26 ● | 28 ○ | | 30 ○ | | 34 ○ | | | |
| CENTRAL CHAINRING | | | 36 ● | 38 ○ | 40 ○ | | 42 ○ | | | | | |
| OUTER CHAINRING | | | 46 ● | 48 ○ | 50 ○ | | 52 ○ | | | | | |
| **BOTTOM BRACKET** | | | | | | | | | | | | |
| AXLE LENGHT | | mm | 124 ● | | 132 ○ | | | | | | | |
| **SEAT PIN** | | | | | | | | | | | | |
| LENGHT mm | | 280 ○ | | 350 ● | | | | | | | | |
| ø | | 25,4 | 26 | 26,2 | 26,4 | 26,8 | 27 | 27,2 | 28,6 | 29,4 | | |
| STEEL | | | | | | | ● | ○ | ○ | ○ | | |
| ALUMINUM | | ○ | ○ | ○ | ○ | ○ | | | | | | |
| **BRAKES** | CANTILEVER ● | | | | CALIPER ○ | | | | | | | |
| **HEADSET** | STAND. STEEL ● | | | STAND. ALU. ○ | | | ALU. OVER SIZE 1.1/4" ○ | | | 1.1/8" ○ | | |

● = STANDARD ○ = OPTIONAL

# CENTAUR





CENTAUR. This is the mountain bike group chosen by the finest racing teams in the world. Centaur has proven itself to be a professional level group with many technical features that ensure safety and reliability in any circumstance.
The advantages of Centaur include competition rear derailleurs with eight speed compatibility: available in small, medium and long cage versions and front derailleurs with an improved cage design: available with standard, adjustable or oversized clamps. Maximum shifting performance can be guaranteed when these new derailleurs are integrated with the combination of the Campagnolo cassette hub and Bullet shifting system.
The cassette hub with freewheel is available with 130 and 135 mm spacing in either 32 or 36 hole drilling. The freewheel cogs utilize a unique patented design featuring three different tooth profiles on each individual sprocket. These cogs range from twelve to thirty four teeth.
The Bullet shifting system provides fast and instinctive shifting in any circumstance.
This twistable grip will accomplish immediate and precise shifts with ease even under load. A super light competition pedal has also been added to the Centaur group. These pedals can be used with either traditional style toe clips or the Campagnolo resin clip. These pedals feature replaceable cages as well.
Headsets are available in steel, standard aluminum and $1\,^{1}/_{4}$" or $1\,^{1}/_{8}$" oversized aluminum.

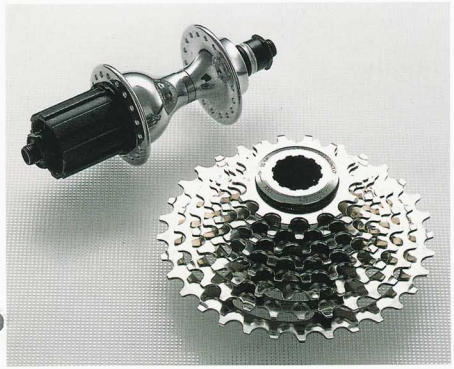


| CENTAUR | STANDARD ● | GRAPHITE ○ | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **GEAR** | SM ○ | MD ○ | LG ● | | | | | | | | | |
| **FRONT CHANGER** | | | | | | | | | | | | |
| FIXED CLIP-ON ● | CLIP-ON ADJUSTABLE ○ | | | | | | | | | | | |
| CLIP-ON FOR TUBES ø 35÷36 ○ | | | | | | | | | | | | |
| **SHIFT LEVERS** | SYNCRO ATB ○ | BULLET ● | | | | | | | | | | |
| **HUBS** | | | | | | | | | | | | |
| | REAR WIDTH | | | HOLES | | | | SPEED | | | | |
| | 126,5 | 130 | 135 | 32 | 36 | 28 | (front) | 7 | 8 | | | |
| STANDARD ○ | ○ | ○ | ○ | ○ | ○ | ○ | | ○ | | | | |
| CASS. HUB ● | | ○ | ● | ○ | ● | | | | ● | | | |
| **CHAINWHEEL** | | | | | | | | | | | | |
| CRANKS LENGHT | 170 ● | 175 ○ | | | | | | | | | | |
| INNER CHAINRING | 24 ○ | 26 ● | 28 ○ | 30 ○ | 34 ○ | | | | | | | |
| CENTRAL CHAINRING | 36 ● | 38 ○ | 40 ○ | 42 ○ | | | | | | | | |
| OUTER CHAINRING | 46 ● | 48 ○ | 50 ○ | 52 ○ | | | | | | | | |
| **BOTTOM BRACKET** | | | | | | | | | | | | |
| AXLE mm | 124 ● | 132 ○ | | | | | | | | | | |
| **SEAT PIN** | | | | | | | | | | | | |
| LENGHT mm | 280 ○ | 350 ● | | | | | | | | | | |
| ø | 25,4 | 26 | 26,2 | 26,4 | 26,6 | 26,8 | 27 | 27,2 | 28,6 | 29,4 | 29,8 | 30 | 31,6 |
| STEEL | | | | | | | ● | ○ | ○ | ○ | ○ | ○ | ○ |
| ALUMINUM | ○ | ○ | ○ | ○ | ○ | ○ | | | | | | | |
| **BRAKES** | CANTILEVER ● | CALIPER ○ | | | | | | | | | | |
| **HEAD SET** | STAND. STEEL ● | STAND. ALU. ○ | OVER SIZE ALU. 1.1/4" ○ | 1.1/8" ○ | | | | | | | | |

● = STANDARD ○ = OPTIONAL

# EUCLID





EUCLID. Euclid is the premier Campagnolo group for the mountain bike. This group is the most prestigious available, designed for the finest high end mountain bikes being used in competition or sport riding. New components have been added to the Euclid group to satisfy the requests of the most demanding consumer.
An essential new system is now available to be used with the already well known small, medium and long cage derailleurs: the eight speed cassette hub. This hub is assembled with new and exclusive Campagnolo cogs which use three different tooth profiles on each sprocket and which are the results of extensive laboratory and field testing.
Other additional important innovations include the $1^{1}/_{4}$" and $1^{1}/_{8}$" oversized aluminum headsets, 280 and 350 mm seatposts in a specially treated black cromoly, and the new compact super light pedal with replaceable cages.
The quality and durability of each single component, as with every Campagnolo component, has undergone the most extensive controls and tests from the Campagnolo technicians and are constantly monitored to ensure the highest levels of performance.
Aviation grade materials that are finished by numeric controlled machines, which guarantee tolerances of one micron, are only some of the major characteristics of this exceptional group: Euclid.



| EUCLID | STANDARD ● | GRAPHITE ○ | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **GEAR** | SM ○ | MD ○ | LG ● | | | | | | | |
| **FRONT CHANGER** | | | | | | | | | | |
| FIXED CLIP-ON ● | CLIP-ON ADJUSTABLE ○ | | | | | | | | | |
| CLIP-ON FOR TUBES ø 35÷36 ○ | | | | | | | | | | |
| **SHIFT LEVERS** | SYNCRO ATB ○ | BULLET ● | | | | | | | | |
| **HUBS** | REAR WIDTH | | | HOLES | | | | SPEED | |
| | 126,5 | 130 | 135 | 32 | 36 | 28 | (front) | 7 | 8 |
| STANDARD ○ | ○ | ○ | ○ | ○ | ○ | ○ | | ○ | |
| CASS. HUB ● | | ○ | ● | ○ | ● | | | | ● |
| **CHAINWHEEL** | | | | | | | | | |
| CRANKS LENGHT | 170 ● | 175 ○ | | | | | | | |
| INNER CHAINRING | 24 ○ | 26 ● | 28 ○ | 30 ○ | 34 ○ | | | | |
| CENTRAL CHAINRING | 36 ● | 38 ○ | 40 ○ | 42 ○ | | | | | |
| OUTER CHAINRING | 46 ● | 48 ○ | 50 ○ | 52 ○ | | | | | |
| **BOTTOM BRACKET** | | | | | | | | | |
| AXLE mm | 124 | 132 ● | 140 ○ | | | | | | |
| **SEAT PIN** | | | | | | | | | |
| LENGHT mm | 280 ○ | 350 ● | | | | | | | |
| ø | 27 | 27,2 | 28,6 | 29,4 | 29,8 | 30 | 31,6 | | |
| STEEL | ● | ○ | ○ | ○ | ○ | ○ | ○ | | |
| **BRAKES** | CANTILEVER ● | CALIPER ○ | | | | | | | |
| **HEAD SET** | STAND. STEEL ● | STAND. ALU. ○ | OVER SIZE ALU. 1.1/4" ○ | 1.1/8" ○ | | | | | |

● = STANDARD ○ = OPTIONAL

# TANDEM ROAD GROUP





TANDEM ROAD GROUP. This group is derived from our Croce d'Aune group. It possesses all of the technical characteristics requested from the most demanding professional racers. This group is a series of components, with very versatile combinations, which maintain Campagnolo's history of quality and reliability. The special 40 hole hub is one of the most important innovations of the group. The double threading on this hub makes it possible to assemble a third brake (either drum or disk type) onto the bicycle.
This hub also uses an oversized axle mounted on two radial bearings. This group may be supplied with either the penta drive brakes of the Croce d'Aune group or the Cantilever brakes. When the Cantilever brakes are used, a specially designed brake handle is supplied which will provide the most efficient braking possible. A very practical solution to shifting is the use of the bar end controls. These controls may be used in friction as well as index mode.
The Croce d'Aune tandem group is a collection of highly innovative components, designed for the particular needs of tandem use and given the maximum attention to detail and performance that has become the Campagnolo trademark.

| TANDEM CROCE D'AUNE | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **GEAR** | LG ● | MD ○ | | | | | | |
| **FRONT CHANGER** | | | | | | | | |
| CLIP-ON FIXED ● | CLIP-ON ADJUSTABLE ○ | CLIP-ON FOR TUBES ⌀ 35 ÷ 36 ○ | | | | | | |
| **SHIFT LEVERS** | BAR-END ● | SYNCRO ○ | | | | | | |
| **HUBS** | | | | | | | | |
| REAR DOUBLE THREADING ● | WIDTH 140 ● | 7 SPEED ● | HOLES 40 ● | | | | | |
| **FREE-WHEEL** | REGINA 7 SPEED ● | | | | | | | |
| **CHAINWHEEL** | | | | | | | | |
| CRANKS LENGHT | 170 ● | 175 ○ | | | | | | |
| CONNECTING CHAINRING | 36 ○ | 38 ○ | 42 ● | | | | | |
| INNER CHAINRING | 24 ○ | 26 ○ | 28 ● | 30 ○ | 34 ○ | | | |
| CENTRAL CHAINRING | 36 ○ | 38 ○ | 40 ● | 42 ○ | | | | |
| OUTER CHAINRING | 46 ○ | 48 ○ | 50 ○ | 52 ● | | | | |
| **SEAT PIN** | | | | | | | | |
| LENGHT mm 280 ● | | | | | | | | |
| ALUMINUM | 25 ○ | 26,2 ○ | 26,4 ○ | 26,6 ○ | 26,8 ○ | 27 ○ | 27,2 ● | |
| STEEL | | | | | | | | |
| **BRAKES** | CROCE D'AUNE ● | EUCLID ○ | CALIPER ○ | | | | | |
| **BRAKES LEVERS** | POWER GRADE ● | HYBRID 2 BRAKES ○ | HYBRID 3 BRAKES ○ | | | | | |
| **HEAD SET** | CHORUS ● CENTAUR STEEL ○ CENTAUR ALUM. ○ | CENTAUR ALUM. OVER SIZE 1.1/4" ○ | 1.1/8" ○ | | | | | |

● = STANDARD ○ = OPTIONAL

This is an exemplifying composition; the group is therefore supplied according to the specific requirements of each customer.

# MOUNTAIN BIKE TANDEM





MOUNTAIN BIKE TANDEM. After very positive results in the United States where the tandem speciality has gained extreme popularity, Campagnolo has once again confirmed their leadership in cycling components with the new mountain bike tandem set. Based on the highly competition oriented Centaur group, this combination of components has been specially selected after extensive laboratory as well as field testing. Campagnolo has clearly brought the most innovative, reliable and prestigious solution possible to the tandem market today.
Compact brake levers with the provision for an additional brake cable are perfectly matched to the fully adjustable Cantilever brakes. This addition cable is used for either a disk or drum brake which may be mounted on the double threaded rear hub. The shifting system of the front derailleur, rear derailleur and Bullet have proved to be the ideal solution for the tandem. The new super light pedal completes the Centaur tandem group making this the definitive statement in mountain bikes available today as well as the only one worthy of the name Campagnolo.

This is an exemplifying composition; the group is therefore supplied according to the specific requirements of each customer.

| TANDEM CENTAUR | | | | | | |
|---|---|---|---|---|---|---|
| **GEAR** | LG ● | MD ○ | | | | |
| **FRONT CHANGER** | | | | | | |
| CLIP-ON FIXED ● | CLIP-ON ADJUSTABLE ○ | CLIP-ON FOR TUBES ⌀ 35 ÷ 36 ○ | | | | |
| **SHIFT LEVERS** | BULLET ● | SYNCRO ATB ○ | | | | |
| **HUBS** | | | | | | |
| REAR DOUBLE THREADING ● | WIDTH 140 ● | 7 SPEED ● | HOLES 40 ● | | | |
| **CHAINWHEEL** | | | | | | |
| CRANKS LENGHT | 170 ● | 175 ○ | | | | |
| CONNECTING CHAINRING | 36 ○ | 38 ○ | 42 ● | | | |
| INNER CHAINRING | 24 ○ | 26 ○ | 28 ● | 30 ○ | 34 ○ | |
| CENTRAL CHAINRING | 36 ○ | 38 ● | 40 ○ | 42 ○ | | |
| OUTER CHAINRING | 46 ○ | 48 ● | 50 ○ | 52 ○ | | |
| **SEAT PIN** | | | | | | |
| LENGHT mm | 280 CENTAUR ● | 350 CENTAUR ○ | 180 CHORUS ○ | | | |
| **BRAKES** | CANTILEVER EUCLID ● | CALIPER ○ | | | | |
| **BRAKES LEVERS** | CENTAUR COMPACT ● | EUCLID 3 BRAKES ○ | | | | |
| **HEAD SET** | | | | | | |
| CENTAUR STEEL ● | CENTAUR ALUMINUM ○ | | | | | |
| CENTAUR ALUMINUM OVER SIZE 1.1/4" ○ | 1.1/8" ○ | | | | | |

● = STANDARD ○ = OPTIONAL

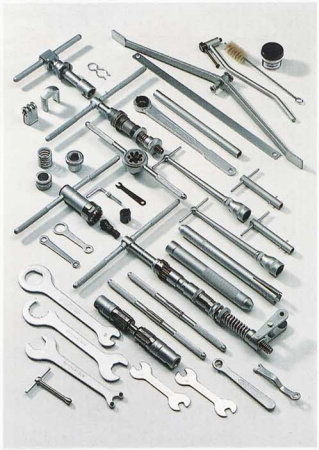
# LUBRICANT




LUBRICANT. Proper maintenance of components is essential to insure performance and durability. For this reason Campagnolo is offering a new line of oil and grease with special characteristics of protection and lubrication:

- OIL «AMBER PLUS 5» offers a very high degree of protection against oxidation and corrosion. Ideal for regular maintenance especially for freewheels, cables and chains.
- GREASE «KRISTALL SR7» is suggested for assembly and routine maintenance for rear derailleurs, bottom brackets, pedals, hubs and headsets. Also available is «08-TH», a special synthetic lubricating oil which is extremely protective and adhesive and is recommended for chains and cables.

# TOOLS



TOOLS. Currently Campagnolo offers a full range of precision tools for the assembly of professional bicycles. These tools are also essential for the proper maintenance of Campagnolo products. In addition to the taps and dies currently offered in the standard tool case we will offer (upon request) new cutting tools featuring the «Carburi Sinterizzati» process. These tools are highly reliable and durable, maintaining their cutting properties over a long period of time and can operate on materials like chrome or micro-fusion bottom brackets without wearing out rapidly.



# BIODYNAMIC BOTTLE




The bottle must have an aerodynamic shape to avoid creating vortices which increase wind resistance. The optimum solution is to avoid wasting space with aerodynamic adaptors by making the bottle itself fit around the down tube.
The shape of the bottle must make it easy to grip and comfortable to use. The rider should be able to remove it from the cage and replace it without looking down.
The Campagnolo biodynamic bottle is shaped to fit the hand, in order to ensure that it is easy to grip.
The valve of the bottle can be opened automatically with just one hand and the mouth, without needing to use the fingers or the other hand.

# BIOTHERMAL BOTTLE




Among the problems facing the cyclist are those of putting up with the effects of thirst and cold.
When the temperature reaches 25-30°C, drinking water of the same temperature provides no real refreshment. Stopping to find cool drinks or calling the team car means losing precious moments in a race. On the other hand, when climbing snow-covered mountains or racing in cold Northern weather, a hot drink provides energy and refreshment.
The Campagnolo biothermal bottle is made up of a bottle made of multilayer plastic, with insulating material in a flattened, elongated shape (width: 70 mm) in order to provide the minimum aerodynamic resistance with the minimum of weight (170 g).
The internal plastic bottle is able to contain drinks or liquid foods.
The external covering is made of impact resistant resin.
The Campagnolo biothermal bottle features a patented liquid delivery system, easily operated by a cyclist during a race in the open and closed positions.
The airtight valve can be operated by the teeth while holding the bottle with one hand.

# BIODYNAMIC 900 BOTTLE




The mountain bike is a different kind of machine, one that is made for solitary rides in the harsh environment that nature calls her own.
The biodynamic 900 bottle is made especially for mountain bikes and is designed for either recreational or competition usage. The capacity is very high (aprox 900 cc) but the overall size of the bottle has been successfully reduced thanks to a new compact geometry. Because it has a higher capacity than the traditional round bottle, it is no longer necessary to carry more than one bottle thereby reducing weight and giving the bike a cleaner look.
The bottle comes with a very practical cap that can be opened with the teeth in order to satisfy the needs of both the competitive and recreational rider as well. The cap, just like the standard biodynamic bottle has 2 positions: the first for spraying to refresh and the second which permits a larger volume for drinking.

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